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Normal Fabric Material



NF-01



NF-02



NF-03



NF-04



NF-05



NF-06



NF-07



NF-08



NF-09



NF-10

PU Heat Seal Lamination



PU-01



PU-02



PU-03



PU-04

ETFE Fabric Lamination



ET-01



ET-02



ET-03



ET-04



ET-05



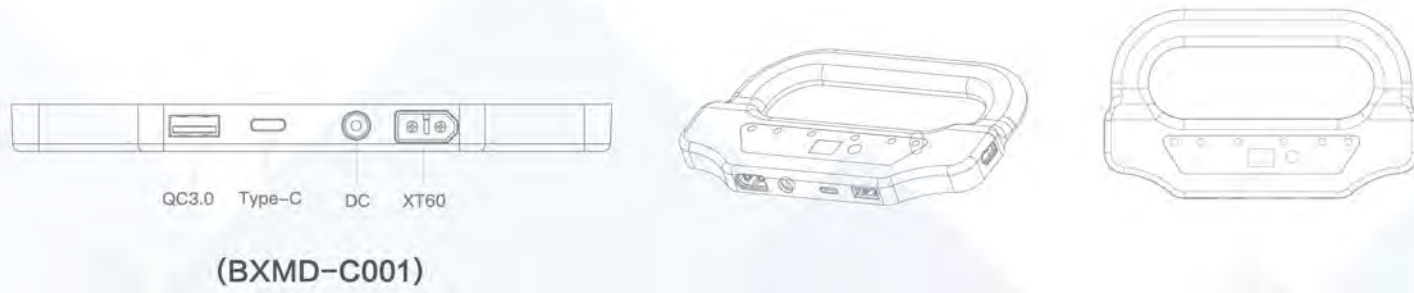
ET-06



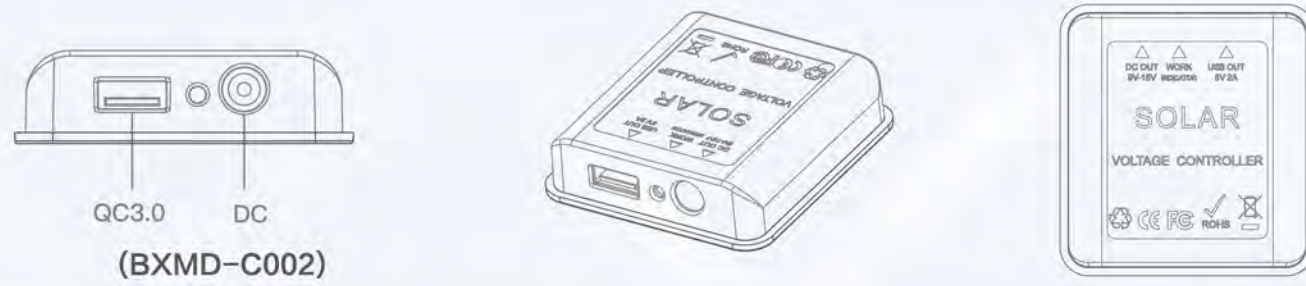
ET-07

≡ JUNCTION BOX SOLUTIONS

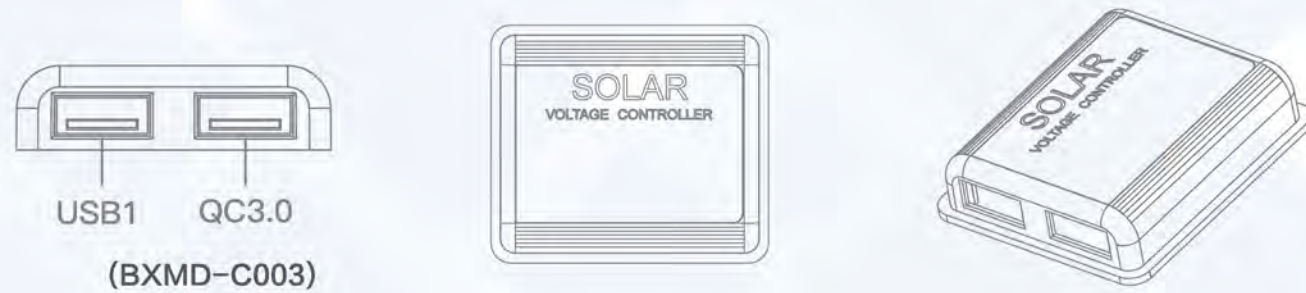
Multi-Output compatible with USB (QC3.0), Type-C, DC & XT60 Interface



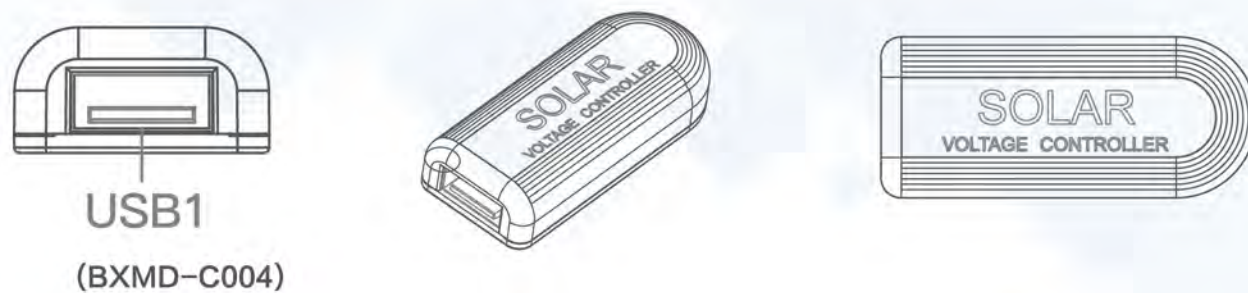
DC + USB (QC3.0) Output



Dual USB Output with 1 Port Support QC3.0

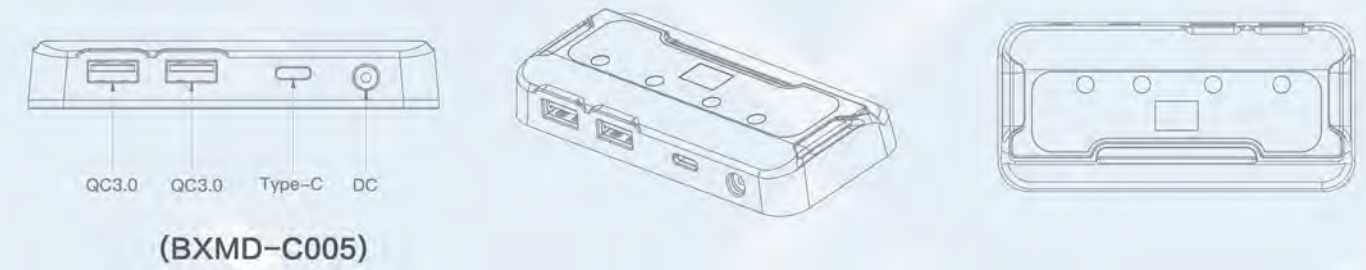


Single USB Output

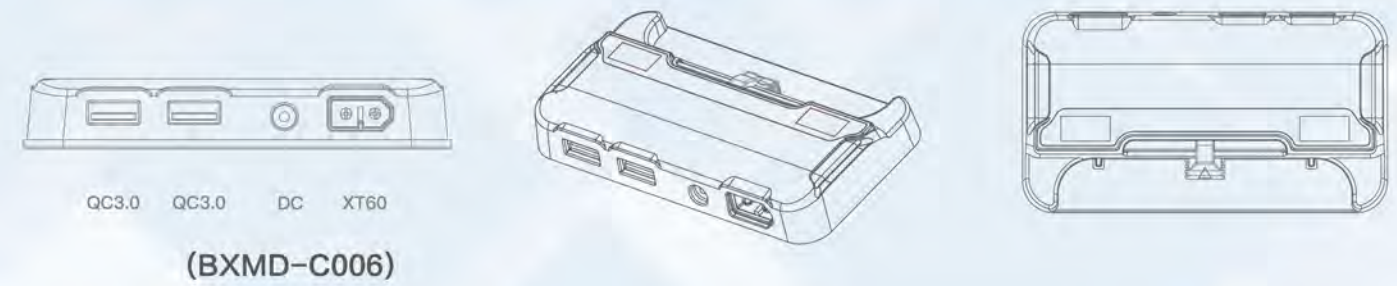


JUNCTION BOX SOLUTIONS ≡

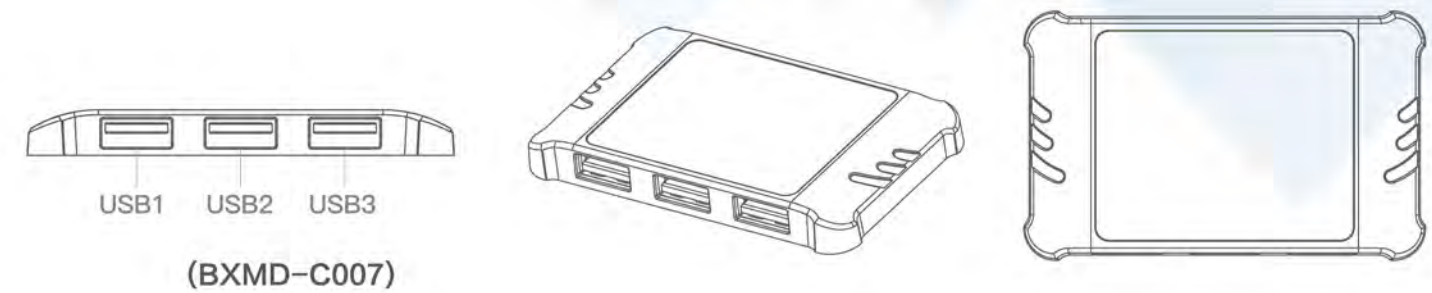
Multi-Output compatible with Dual-USB (QC3.0), Type-C & DC Interface



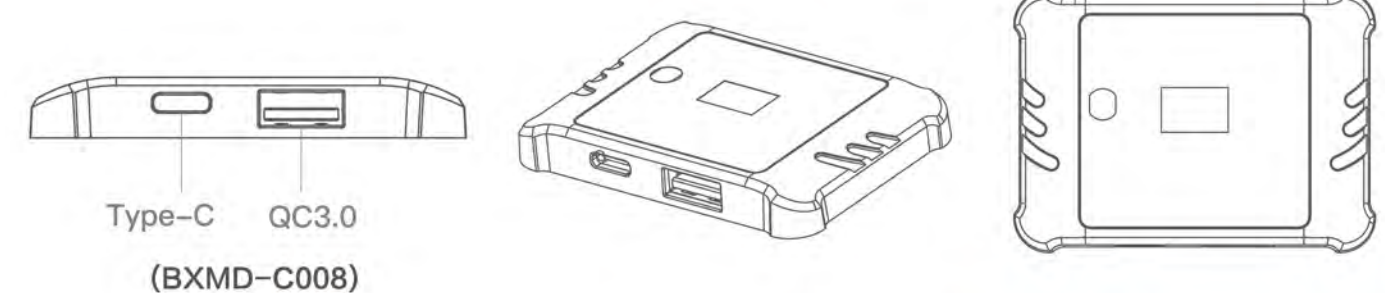
Multi-Output compatible with Dual-USB (QC3.0), DC & XT60 Interface



Triple-USB Output



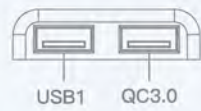
USB (QC3.0) + Type-C Output



≡ PETC-S16 MONO SOLAR PANEL



Peak Power	16W
Solar Cell	Mono 19% efficiency
Output	5V*2.1A&5V*2.4A(Max)
Open size	22.5*11.49*0.5inch
Folding size	6.49*11.49*0.98inch
Manufacture Art	PET+EVA+Solar cell+EVA+PCB+Fabric
Net weight	0.66LB
Working Temperature	-20°C~70°C
Application	Laptop/ Smartphones/tablet PC/battery etc
Output Port	USB/SAE/DC
Optional Accessories	Car charger,Crocodile clips etc
Customized Fabric	Waterproof/Anti-UV/Anti-Aging/Leather



Selling Point

Leather material make this item quite different from normal fabric stitched solar chargers. Dual USB output and backside holder design can support you charging 2 devices simultaneously at the right direction of sunlight.



FOLDABLE SOLAR PANEL SERIES ≡

❖ Model No. PETC-S24



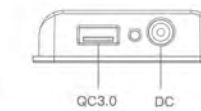
Peak Power	24W
Solar Cell	Mono 19% efficiency
Output	5V*2.1A&5V*2.4A(Max)
Open size	32.45*11.49*0.11inch
Folding size	6.49*11.49*0.98inch
Manufacture Art	PET+EVA+Solar cell+EVA+PCB+Fabric
Net weight	0.74LB
Working Temperature	-20°C~70°C
Application	Laptop/ Smartphones/tablet PC/battery etc
Output Port	USB/SAE/DC
Optional Accessories	Car charger,Crocodile clips etc
Customized Fabric	Waterproof/Anti-UV/Anti-Aging/Leather



❖ Model No. PETC-S32



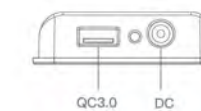
Peak Power	32W
Solar Cell	Mono 19% efficiency
Output	DC 18V*2.2A&USB 5V*2.4A(QC3.0)
Open size	45.7*11.49*0.5inch
Folding size	6.49*11.49*0.98inch
Manufacture Art	PET+EVA+Solar cell+EVA+PCB+Fabric
Net weight	1.26LB
Working Temperature	-20°C~70°C
Application	Laptop/ Smartphones/tablet PC/battery etc
Output Port	USB/SAE/DC
Optional Accessories	Car charger,Crocodile clips etc
Customized Fabric	Waterproof/Anti-UV/Anti-Aging/Leather



❖ Model No. PETC-S40



Peak Power	40W
Solar Cell	Mono 19% efficiency
Output	DC 18V*2.2A&USB 5V*2.4A(QC3.0)
Open size	33.46*15.75*0.3inch
Folding size	15.75*7.28*1.57inch
Manufacture Art	PET+EVA+Solar cell+EVA+PCB+Fabric
Net weight	3.88LB
Working Temperature	-20°C~70°C
Application	Laptop/ Smartphones/tablet PC/battery etc
Output Port	USB/SAE/DC
Optional Accessories	Car charger,Crocodile clips etc
Customized Fabric	Waterproof/Anti-UV/Anti-Aging/Leather



MONO FOLDING SOLAR PANEL

❖ Model No. PETC-S07



Peak Power	7W
Solar Cell	Mono 19% efficiency
Output	5V*1.4A
Open size	18.89*9.05*0.11inch
Folding size	9.05*6.29*1.18inch
Manufacture Art	PET+EVA+Solar cell+EVA+PCB+Fabric
Net weight	1.21LB
Working Temperature	-20°C~70°C
Application	Laptop/ Smartphones/tablet PC/battery etc
Output Port	USB/SAE/DC
Optional Accessories	Car charger,Crocodile clips etc
Customized Fabric	Waterproof/Anti-UV/Anti-Aging/Leather



MONO FOLDING SOLAR PANEL

❖ Model No. PETC-S14



Peak Power	14W
Solar Cell	Mono 19% efficiency
Output	5V*2.1A&5V*2.4A(Max)
Open size	32.28*9.05*0.11inch
Folding size	6.69*9.25*1.18inch
Manufacture Art	PET+EVA+Solar cell+EVA+PCB+Fabric
Net weight	1.65LB
Working Temperature	-20°C~70°C
Application	Laptop/ Smartphones/tablet PC/battery etc
Output Port	USB/SAE/DC
Optional Accessories	Car charger,Crocodile clips etc
Customized Fabric	Waterproof/Anti-UV/Anti-Aging/Leather



❖ Model No. PETC-S07B



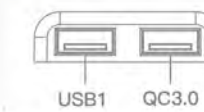
Peak Power	7W
Solar Cell	Mono 19% efficiency
Output	5V*1.4A
Open size	19.09*7.20*0.19inch
Folding size	7.28*4.72*0.98inch
Manufacture Art	PET+EVA+Solar cell+EVA+PCB+Fabric
Net weight	0.62LB
Working Temperature	-20°C~70°C
Application	Laptop/ Smartphones/tablet PC/battery etc
Output Port	USB/SAE/DC
Optional Accessories	Car charger,Crocodile clips etc
Customized Fabric	Waterproof/Anti-UV/Anti-Aging/Leather



❖ Model No. PETC-S16



Peak Power	16W
Solar Cell	Mono 19% efficiency
Output	5V*2.1A&5V*2.4A(Max)
Open size	26.18*11.22*0.19inch
Folding size	11.22*8.38*1.18inch
Manufacture Art	PET+EVA+Solar cell+EVA+PCB+Fabric
Net weight	1.06LB
Working Temperature	-20°C~70°C
Application	Laptop/ Smartphones/tablet PC/battery etc
Output Port	USB/SAE/DC
Optional Accessories	Car charger,Crocodile clips etc
Customized Fabric	Waterproof/Anti-UV/Anti-Aging/Leather



❖ Model No. PETC-S13



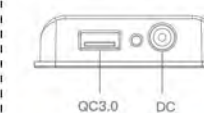
Peak Power	13W
Solar Cell	Mono 19% efficiency
Output	5V*2.4A(Max)
Open size	25.59*10.63*0.12inch
Folding size	10.55*8.74*0.39inch
Manufacture Art	PET+EVA+Solar cell+EVA+PCB+Fabric
Net weight	1.1LB
Working Temperature	-20°C~70°C
Application	Laptop/ Smartphones/tablet PC/battery etc
Output Port	USB/SAE/DC
Optional Accessories	Car charger,Crocodile clips etc
Customized Fabric	Waterproof/Anti-UV/Anti-Aging/Leather



❖ Model No. PETC-S22



Peak Power	22W
Solar Cell	Mono 19% efficiency
Output	DC 18V*2.2A&USB 5V*2.4A(QC3.0)
Open size	29.2*9.71*0.11inch
Folding size	32.2*9.64*0.98inch
Manufacture Art	PET+EVA+Solar cell+EVA+PCB+Fabric
Net weight	1.27LB
Working Temperature	-20°C~70°C
Application	Laptop/ Smartphones/tablet PC/battery etc
Output Port	USB/SAE/DC
Optional Accessories	Car charger,Crocodile clips etc
Customized Fabric	Waterproof/Anti-UV/Anti-Aging/Leather

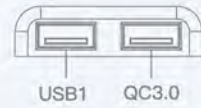


≡ MONO FOLDING SOLAR PANEL

❖ Model No. PETC-S24



Peak Power 24W
 Solar Cell Mono 19% efficiency
 Output 5V*2.1A&5V*2.4A(Max)
 Open size 33.26*11.81*0.11inch
 Folding size 11.81*6.49*1.18inch
 Manufacture Art PET+EVA+Solar cell+EVA+PCB+Fabric
 Net weight 2.02LB
 Working Temperature -20°C~70°C
 Application Laptop/ Smartphones/tablet PC/battery etc
 Output Port USB/SAE/DC
 Optional Accessories Car charger,Crocodile clips etc
 Customized Fabric Waterproof/Anti-UV/Anti-Aging/Leather



CE FC RoHS

MONO FOLDING SOLAR PANEL ≡

❖ Model No. PETC-S60B



Peak Power 60W
 Solar Cell Mono 19% efficiency
 Output DC 18V*3.3A&USB 5V*2.4A
 Open size 54.72*14.57*0.24inch
 Folding size 14.76*14.06*1.97inch
 Material PET+EVA+Solar cell+EVA+PCB+Waterproof Fabric
 Net weight 6.39LB
 Working Temperature -20°C~70°C
 Application Laptop/ Smartphones/tablet PC/battery ect
 Output cable USB, SAE,DC, laptop connectors, car charger,clips etc
 Customized Fabric Waterproof/Anti-UV/Anti-Aging/Leather



CE FC RoHS

❖ Model No. PETC-S40



Peak Power 40W
 Solar Cell Mono 19% efficiency
 Output DC 18V*2.2A&USB 5V*2.4A(Max)
 Open size 49.21*14.17*0.19inch
 Folding size 17.32*11.41*1.96inch
 Manufacture Art PET+EVA+Solar cell+EVA+PCB+Fabric
 Net weight 3.85LB
 Working Temperature -20°C~70°C
 Application Laptop/ Smartphones/tablet PC/battery etc
 Output Port USB/SAE/DC
 Optional Accessories Car charger,Crocodile clips etc
 Customized Fabric Waterproof/Anti-UV/Anti-Aging/Leather

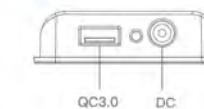


CE FC RoHS

❖ Model No. PETC-S80



Peak Power 80W
 Solar Cell Mono 19% efficiency
 Output DC 18V*4.4A&USB 5V*2.4A(Max)
 Open size 51.18*27.55*0.11inch
 Folding size 13.58*10.23*1.18inch
 Manufacture Art PET+EVA+Solar cell+EVA+PCB+Fabric
 Net weight 7.5LB
 Working Temperature -20°C~70°C
 Application Laptop/ Smartphones/tablet PC/battery etc
 Output Port USB/SAE/DC
 Optional Accessories Car charger,Crocodile clips etc
 Customized Fabric Waterproof/Anti-UV/Anti-Aging/Leather

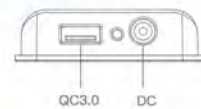


CE FC RoHS

❖ Model No. PETC-S60



Peak Power 60W
 Solar Cell Mono 19% efficiency
 Output DC 18V*3.3A&USB 5V*2.4A(Max)
 Open size 28.3*11.53*0.11inch
 Folding size 11.53*7.08*2.95inch
 Manufacture Art PET+EVA+Solar cell+EVA+PCB+Fabric
 Net weight 7.71LB
 Working Temperature -20°C~70°C
 Application Laptop/ Smartphones/tablet PC/battery etc
 Output Port USB/SAE/DC
 Optional Accessories Car charger,Crocodile clips etc
 Customized Fabric Waterproof/Anti-UV/Anti-Aging/Leather

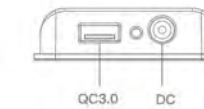


CE FC RoHS

❖ Model No. PETC-S100



Peak Power 100W
 Solar Cell Mono 19% efficiency
 Output DC 18V*5.5A&USB 5V*2.4A(Max)
 Open size 67.71*33*0.19inch
 Folding size 16.53*11.41*1.18inch
 Manufacture Art PET+EVA+Solar cell+EVA+PCB+Fabric
 Net weight 8.95LB
 Working Temperature -20°C~70°C
 Application Laptop/ Smartphones/tablet PC/battery etc
 Output Port USB/SAE/DC
 Optional Accessories Car charger,Crocodile clips etc
 Customized Fabric Waterproof/Anti-UV/Anti-Aging/Leather



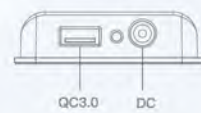
CE FC RoHS

MONO FOLDING SOLAR PANEL

Model No. PETC-S100B



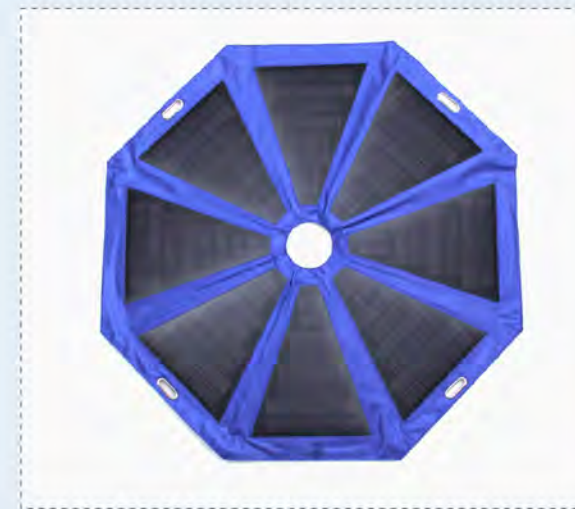
Peak Power 100W
 Solar Cell Mono 19% efficiency
 Output DC 18V*5.5A&USB 5V*2.4A
 Open size 60.24*20.47*0.22inch
 Folding size 20.47*13.78*1.42inch
 Material PET+EVA+Solar cell+EVA+PCB+Waterproof Fabric
 Net weight 8.71LB
 Working Temperature -20°C~70°C
 Application Laptop/ Smartphones/tablet PC/battery ect
 Output cable USB, SAE,DC, laptop connectors, car charger,clips etc
 Customized Fabric Waterproof/Anti-UV/Anti-Aging/Leather



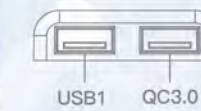
CE FC RoHS

MONO FOLDING SOLAR PANEL

Model No. PETC-S24U



Peak Power 24W
 Solar Cell Mono 19% efficiency
 Output 5V*2.1A&5V*2.4A(Max)
 Size R9.84inch
 Material PET+EVA+Solar cell+EVA+PCB+Waterproof Fabric
 Net weight 6.83LB
 Working Temperature -20°C~70°C
 Application Laptop/ Smartphones/tablet PC/battery etc
 Output cable USB, SAE,DC, laptop connectors, car charger,clips etc
 Customized Fabric Waterproof/Anti-UV/Anti-Aging/Leather



CE FC RoHS

Model No. PETC-S120

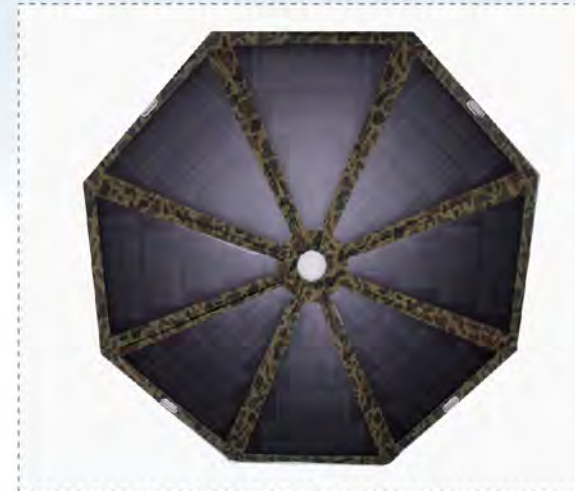


Peak Power 120W
 Solar Cell Mono 19% efficiency
 Output DC 18V*6.7A&USB 5V*2.4A(Max)
 Open size 73.2*35.4*0.11inch
 Folding size 17.7*11.4*1.96inch
 Manufacture Art PET+EVA+Solar cell+EVA+PCB+Fabric
 Net weight 12.1LB
 Working Temperature -20°C~70°C
 Application Laptop/ Smartphones/tablet PC/battery etc
 Output Port USB/SAE/DC
 Optional Accessories Car charger,Crocodile clips etc
 Customized Fabric Waterproof/Anti-UV/Anti-Aging/Leather

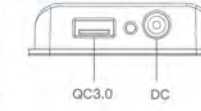


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Model No. PETC-S40U

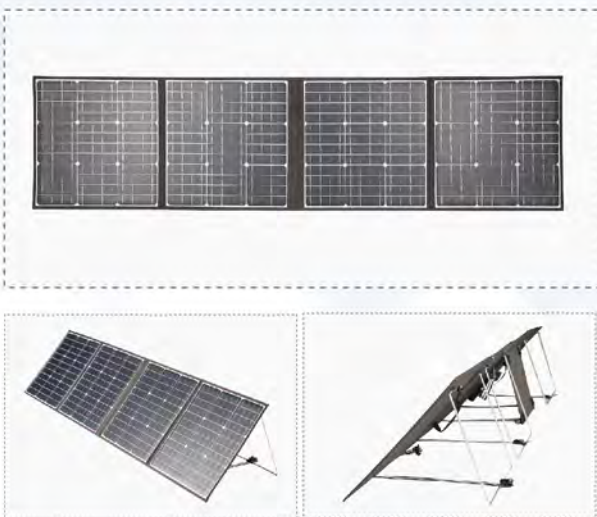


Peak Power 40W
 Solar Cell Mono 19% efficiency
 Output DC 18V*2.2A&USB 5V*2.1A(Max)
 Size R15.7inch
 Material PET+EVA+Solar cell+EVA+PCB+Waterproof Fabric
 Net weight 6.61LB
 Working Temperature -20°C~70°C
 Application Laptop/ Smartphones/tablet PC/battery etc
 Output cable USB, SAE,DC, laptop connectors, car charger,clips etc
 Customized Fabric Waterproof/Anti-UV/Anti-Aging/Leather

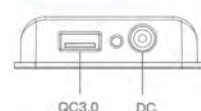


CE FC RoHS

Model No. PETC-S160

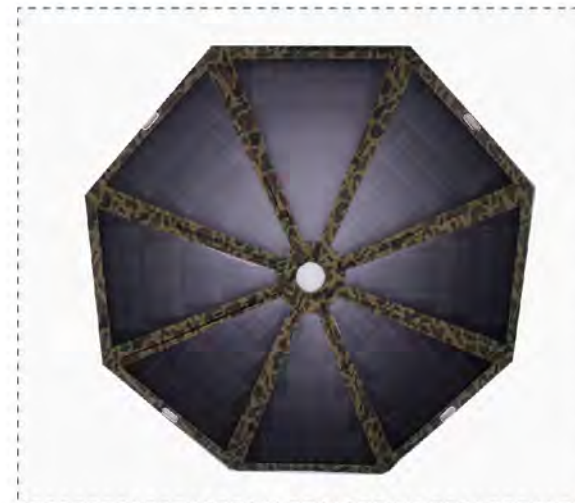


Peak Power 160W
 Solar Cell Mono 19% efficiency
 Output DC 18V*6.7A&USB 5V*2.4A(Max)
 Open size 82.68*20.87*0.39inch
 Folding size 20.87*20.08*2.36inch
 Material PET+EVA+Solar cell+EVA+PCB+Waterproof Fabric
 Net weight 19.4LB
 Working Temperature -20°C~70°C
 Application Laptop/ Smartphones/tablet PC/battery ect
 Output cable USB, SAE,MC4, laptop connectors, car charger,clips etc
 Customized Fabric Waterproof/Anti-UV/Anti-Aging/Leather

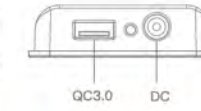


CE FC RoHS

Model No. PETC-S60U



Peak Power 60W
 Solar Cell Mono 19% efficiency
 Output DC 18V*3.3A&USB 5V*2.1A(Max)
 Size R25.19inch
 Material PET+EVA+Solar cell+EVA+PCB+Waterproof Fabric
 Net weight 8.8LB
 Working Temperature -20°C~70°C
 Application Laptop/ Smartphones/tablet PC/battery etc.
 Output cable USB, SAE,DC, laptop connectors, car charger,clips etc
 Customized Fabric Waterproof/Anti-UV/Anti-Aging/Leather



CE FC RoHS

MONOCRYSTALLINE SOLAR PANEL

Model No. PETC-S25



Peak Power	25W
Solar Cell	Mono 19% efficiency
Output	DC 18V 0.83A&3USB 5V*3.0A
Size	21.45*16.93*0.31inch
Material	PET+EVA+Solar cell+EVA+PCB+Waterproof Fabric
Net weight	2.88LB
Working Temperature	-20°C~70°C
Application	Laptop/ Smartphones/tablet PC/battery ect
Output cable	USB, SAE,DC, laptop connectors, car charger,clips etc
Customized Fabric	Waterproof/Anti-UV/Anti-Aging/Leather



MONOCRYSTALLINE SOLAR PANEL

Model No. PETC-S8



Peak Power	8W
Solar Cell	Mono 19% efficiency
Output	DC 18V*0.33A
Size	11.02*7.2*0.06inch
Material	PET+PCB+EVA+CELLS+EVA+PET
Net weight	0.3LB
Working Temperature	-20°C~70°C
Application	Laptop/ Smartphones/tablet PC/battery etc
Output cable	USB, SAE,DC, laptop connectors, car charger,clips etc
Customized Fabric	Waterproof/Anti-UV/Anti-Aging/Leather



Model No. PETC-S25B



Peak Power	25W
Solar Cell	Mono 19% efficiency
Output	DC 18V*1.4A&3USB 5V*3.0A
Size	25.2*13.78*0.31inch
Material	PET+EVA+Solar cell+EVA+PCB+Waterproof Fabric
Net weight	3.92LB
Working Temperature	-20°C~70°C
Application	Laptop/ Smartphones/tablet PC/battery ect
Output cable	USB, SAE,DC, laptop connectors, car charger,clips etc
Customized Fabric	Waterproof/Anti-UV/Anti-Aging/Leather



Model No. PETC-S16



Peak Power	16W
Solar Cell	Mono 19% efficiency
Output	DC 18V*0.66A
Size	14.56*10.62*0.06inch
Material	PET+PCB+EVA+CELLS+EVA+PET
Net weight	0.44LB
Working Temperature	-20°C~70°C
Application	Laptop/ Smartphones/tablet PC/battery etc
Output cable	USB, SAE,DC, laptop connectors, car charger,clips etc
Customized Fabric	Waterproof/Anti-UV/Anti-Aging/Leather



Model No. PETC-S10



Peak Power	10W
Solar Cell	Mono 19% efficiency
Output	DC 18V*0.56A
Size	17.32*7.0*0.78inch
Material	PET+EVA+Solar cell+EVA+PCB+Waterproof Fabric
Net weight	0.66LB
Working Temperature	-20°C~70°C
Application	Laptop/ Smartphones/tablet PC/battery etc
Output cable	USB, SAE,DC, laptop connectors, car charger,clips etc
Customized Fabric	Waterproof/Anti-UV/Anti-Aging/Leather



Model No. PETC-S24



Peak Power	24W
Solar Cell	Mono 19% efficiency
Output	DC 18V*1A
Size	21.84*10.62*0.06inch
Material	PET+PCB+EVA+CELLS+EVA+PET
Net weight	0.62LB
Working Temperature	-20°C~70°C
Application	Laptop/ Smartphones/tablet PC/battery etc
Output cable	USB, SAE,DC, laptop connectors, car charger,clips etc
Customized Fabric	Waterproof/Anti-UV/Anti-Aging/Leather



≡ PETC-H300 SUNPOWER FOLDING SOLAR PANEL



Peak Power	300W
Solar Cell	SUNPOWER, 23.5% efficiency
Output	DC 18V*16.7A
Open Size	44*82.6*0.11inch
Folding Size	22*16.53*1.18inch
Material	PET+EVA+SUNPOWER Solar cell+EVA+TPT +waterproof fabric
Net Weight	20.66LB
Working Temperature	-20°C~70°C
Application	Laptop/battery etc
Output Cable	SAE,DC, laptop connectors, car charger,clips etc



Key Specifications/Special Features

Introducing the PETC-H300. A 300W portable and foldable solar panel that will power your most prized possessions directly from the Sun! These panels are made with the world's highest efficiency Sunpower Maxeon Gen 3 solar cells purchased in the United States and provide an energy conversion rate of a whopping 24.2%! These panels are meticulously hand sewn into heavy duty waterproof Nylon for a robust yet light weight folding design. we use MC4 or Anderson plug, suitable for charging your battery packs, or caravan batteries.

Charge times for various Battery Systems in Optimal Sunlight: 300Wh: 1 hour / 600Wh: 2 hours / 900Wh: 3 hours / 1200Wh: 4 hours
 *To find the Wh of your battery, multiply the nominal voltage x Ah. For example, our 52V 12.5Ah battery system is 52V x 12.5Ah = 650Wh.

Dimensions : Open size: 44*82.6*0.11inch / Folding size: 22*16.53*1.18inch

Features:

- (1) It is convenient, charge your car/truck batteries anytime anywhere by facing to sunlight;
- (2) Directly charge your power storage devices within a short time;
- (3) Lightweight, easy carrying;

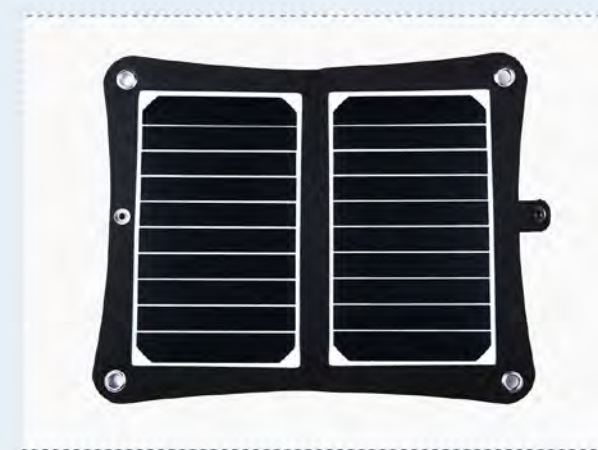
Advantage:

- (1) High efficiency: Efficiency 22%~24%;
- (2) Various applications such as: 12V batteries, SmartPhones, Power banks, tablets etc;
- (3) Portable, lightweight and easy carrying;



≡ SUNPOWER FOLDING SOLAR PANEL

✧ Model No. PETC-H10



Peak Power	10W
Solar Cell	SUNPOWER, 23.5% efficiency
Output	USB 5V*2.1A
Open size	9.76*12.2*0.11inch
Folding size	5.7*12.2*0.31inch
Material	PET+SUNPOWER Solar cell+waterproof fabric
Net weight	0.68LB
Working Temperature	-20°C~70°C
Application	All kinds of 5V devices: Smartphones/tablets etc
Output cable	USB



✧ Model No. PETC-H13



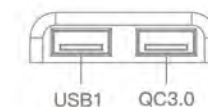
Peak Power	13W
Solar Cell	SUNPOWER, 23.5% efficiency
Output	5V*2.1A
Open size	18.5*11.73*0.11inch
Folding size	11.73*6.29*0.39inch
Material	PET+SUNPOWER Solar cell+waterproof fabric
Net weight	0.89LB
Working Temperature	-20°C~70°C
Application	All kinds of 5V devices: Smartphones/tablets etc
Output cable	USB



✧ Model No. PETC-H19.5



Peak Power	19.5W
Solar Cell	SUNPOWER, 23.5% efficiency
Output	5V*2.1A&5V*2.4A(Max)
Open size	30.8*10.35*0.11inch
Folding size	6.10*10.35*0.59inch
Material	PET+SUNPOWER Solar cell+waterproof fabric
Net weight	1.34LB
Working Temperature	-20°C~70°C
Application	All kinds of 5V devices: Smartphones/tablets etc
Output cable	USB



SUNPOWER FOLDING SOLAR PANEL

Model No. PETC-H20



Peak Power 20W
 Solar Cell SUNPOWER, 23.5% efficiency
 Output 5V*2.1A&5V*2.4A(Max)
 Open size 30.8*10.35*0.11inch
 Folding size 6.1*10.35*0.59inch
 Material PET+SUNPOWER Solar cell+waterproof fabric
 Net weight 1.37LB
 Working Temperature -20°C~70°C
 Application All kinds of 5V devices: Smartphones/tablets etc
 Output cable USB



SUNPOWER FOLDING SOLAR PANEL

Model No. PETC-H21C



Peak Power 21W
 Solar Cell SUNPOWER, 23.5% efficiency
 Output 5V*2.1A&5V*2.4A(Max)
 Open size 21.57*11.61*0.12inch
 Folding size 11.61*5.99*0.44inch
 Material PET+SUNPOWER Solar cell+waterproof fabric
 Net weight 1.35LB
 Working Temperature -20°C~70°C
 Application All kinds of 5V devices: Smartphones/tablets etc
 Output cable USB



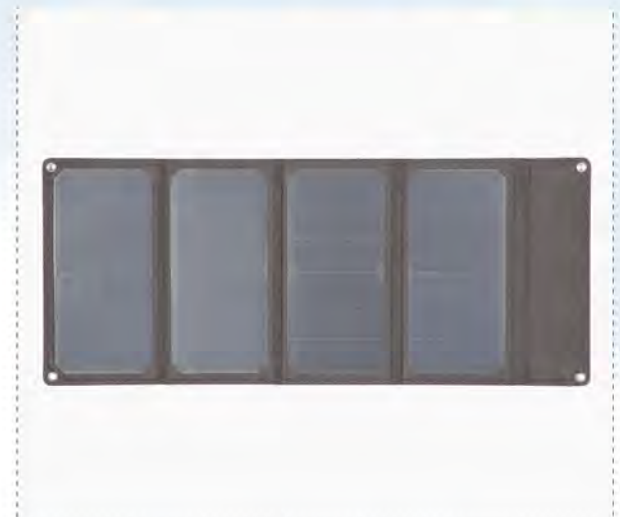
Model No. PETC-H21



Peak Power 21W
 Solar Cell SUNPOWER, 23.5% efficiency
 Output 5V*2.1A&5V*2.4A(Max)
 Open size 30.8*10.35*0.11inch
 Folding size 6.1*10.35*15inch
 Material PET+SUNPOWER Solar cell+waterproof fabric
 Net weight 1.44LB
 Working Temperature -20°C~70°C
 Application All kinds of 5V devices: Smartphones/tablets etc
 Output cable USB



Model No. PETC-H28



Peak Power 28W
 Solar Cell SUNPOWER, 23.5% efficiency
 Output Triple USB 5V*2.1A&5V*2.1A&5V*2.1A
 Open size 27.95*11.61*0.1inch
 Folding size 11.61*6.1*0.83inch
 Material PET+SUNPOWER Solar cell+waterproof PU
 Net weight 1.43LB
 Working Temperature -20°C~70°C
 Application All kinds of 5V devices: Smartphones/tablets etc
 Output cable USB



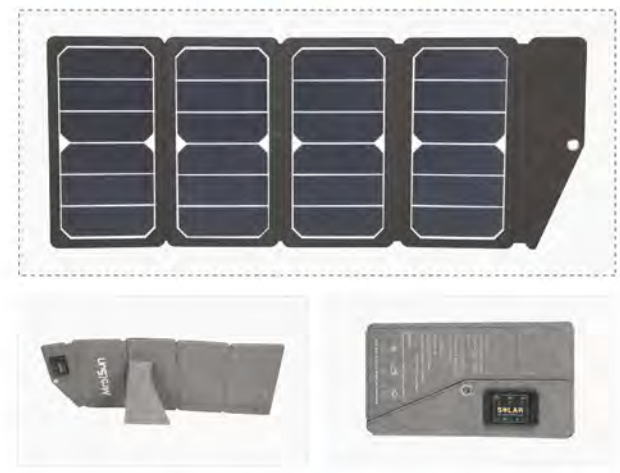
Model No. PETC-H21B



Peak Power 21W
 Solar Cell SUNPOWER, 23.5% efficiency
 Output 5V*2.1A&5V*2.4A(Max)
 Open size 22.05*11.61*0.28inch
 Folding size 11.61*6.30*1.12inch
 Material PET+SUNPOWER Solar cell+waterproof PU
 Net weight 1.72LB
 Working Temperature -20°C~70°C
 Application All kinds of 5V devices: Smartphones/tablets etc
 Output cable USB



Model No. PETC-H28B

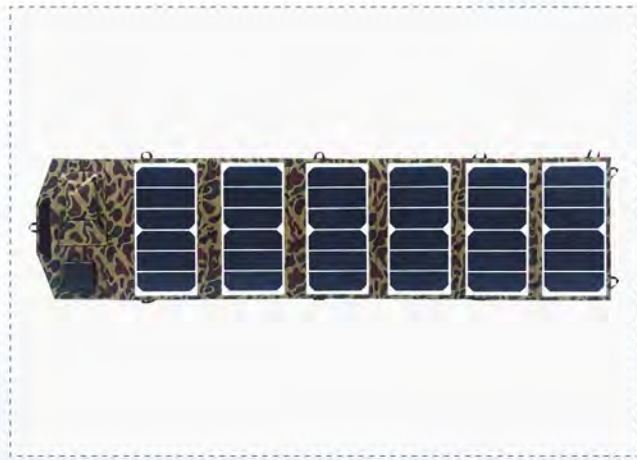


Peak Power 28W
 Solar Cell SUNPOWER, 23.5% efficiency
 Output Triple USB 5V*2.1A&5V*2.1A&5V*2.1A
 Open size 28.74*11.54*0.14inch
 Folding size 11.54*6.28*0.85inch
 Material PET+SUNPOWER Solar cell+waterproof fabric
 Net weight 1.52LB
 Working Temperature -20°C~70°C
 Application All kinds of 5V devices: Smartphones/tablets etc
 Output cable USB

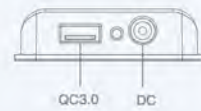


SUNPOWER FOLDING SOLAR PANEL

Model No. PETC-H39



Peak Power 39W
 Solar Cell SUNPOWER, 23.5% efficiency
 Output DC 18V*2.2A&USB 5V*2.4A(Max)
 Open size 47.63*11.61*0.19inch
 Folding size 11.41*6.29*1.37inch
 Material PET+SUNPOWER Solar cell+waterproof fabric
 Net weight 2.68LB
 Working Temperature -20°C~70°C
 Application Laptop/ Smartphones/tablet PC/battery etc
 Output cable USB, SAE,DC, laptop connectors, car charger,clips etc



SUNPOWER FOLDING SOLAR PANEL

Model No. PETC-H60B



Peak Power 60W
 Solar Cell SUNPOWER, 23.5% efficiency
 Output DC 18V*3.2A&USB 5V*2.4A(MAX)
 Open size 41.14*23.03*0.08inch
 Folding size 11.61*6.77*0.24inch
 Material PET+SUNPOWER Solar cell+waterproof fabric
 Net weight 2.87LB
 Working Temperature -20°C~70°C
 Application Laptop/ Smartphones/tablet PC/battery etc
 Output cable USB, SAE,DC laptop connectors, car charger,clips etc



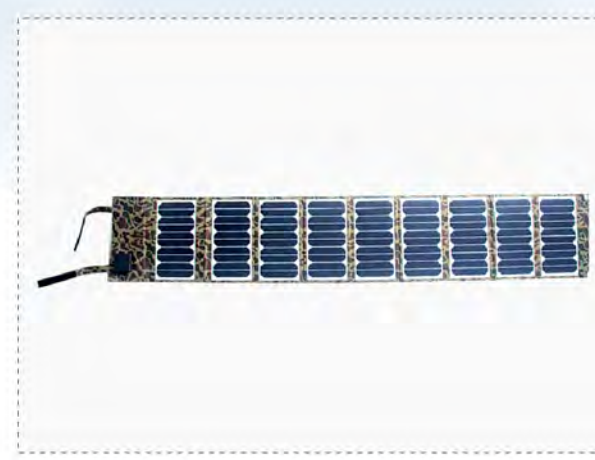
Model No. PETC-H40



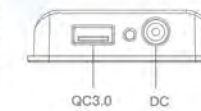
Peak Power 40W
 Solar Cell SUNPOWER, 23.5% efficiency
 Output DC 18V*2.2A&USB 5V*2.4A(Max)
 Open size 47.24*12.60*0.11inch
 Folding size 12.60*6.50*0.79inch
 Material PET+SUNPOWER Solar cell+waterproof fabric
 Net weight 2.6LB
 Working Temperature -20°C~70°C
 Application Laptop/ Smartphones/tablet PC/battery etc
 Output cable USB, SAE,DC, laptop connectors, car charger,clips etc



Model No. PETC-H60C



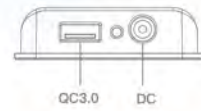
Peak Power 60W
 Solar Cell SUNPOWER, 23.5% efficiency
 Output DC 18V*3.3A&USB 5V*2.4A(Max)
 Open size 64.56*11.41*0.11inch
 Folding size 11.41*6.29*2.75inch
 Material PET+SUNPOWER Solar cell+waterproof fabric
 Net weight 4.13LB
 Working Temperature -20°C~70°C
 Application Laptop/ Smartphones/tablet PC/battery etc
 Output cable USB, SAE,DC, laptop connectors, car charger,clips etc



Model No. PETC-H60



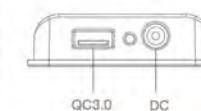
Peak Power 60W
 Solar Cell SUNPOWER, 23.5% efficiency
 Output DC 18V*3.2A&USB 5V*2.4A
 Open size 42.72*24.61*0.08inch
 Folding size 12.2*7.16*0.2inch
 Material PET+SUNPOWER Solar cell+waterproof fabric
 Net weight 3.33LB
 Working Temperature -20°C~70°C
 Application Laptop/ Smartphones/tablet PC/battery etc
 Output cable SAE,laptop connectors, car charger,clips etc



Model No. PETC-H80



Peak Power 80W
 Solar Cell SUNPOWER, 23.5% efficiency
 Output DC 18V*4.3A&USB 5V*2.4A(Max)
 Open size 48.43*16.73*0.2inch
 Folding size 16.73*11.81*2.05inch
 Material PET+SUNPOWER Solar cell+waterproof fabric
 Net weight 5.95LB
 Working Temperature -20°C~70°C
 Application Laptop/ Smartphones/tablet PC/battery etc
 Output cable USB, SAE,DC laptop connectors, car charger,clips etc

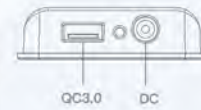


☰ SUNPOWER FOLDING SOLAR PANEL

☼ Model No. PETC-H100



Peak Power 100W
 Solar Cell SUNPOWER, 23.5% efficiency
 Output DC 18V*5.6A&USB 5V*2.4A(Max)
 Open size 44.05*21.25*0.11inch
 Folding size 21.25*22.04*0.3inch
 Material PET+SUNPOWER Solar cell+waterproof fabric
 Net weight 6.88LB
 Working Temperature -20°C~70°C
 Application Laptop/ Smartphones/tablet PC/battery etc
 Output cable USB, SAE,DC, laptop connectors, car charger,clips etc



CE FC RoHS

SUNPOWER FOLDING SOLAR PANEL ☰

☼ Model No. PETC-H180



Peak Power 180W
 Solar Cell SUNPOWER, 23.5% efficiency
 Output DC 18V*10A&USB 5V*2.4A(Max)
 Open size 96.45*21.25*0.11inch
 Folding size 21.25*6.69*2.75inch
 Material PET+SUNPOWER Solar cell+waterproof fabric
 Net weight 12.4LB
 Working Temperature -20°C~70°C
 Application Laptop/ Smartphones/tablet PC/battery etc
 Output cable USB, SAE,DC, laptop connectors, car charger,clips etc

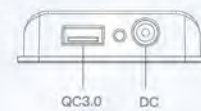


CE FC RoHS

☼ Model No. PETC-H150



Peak Power 150W
 Solar Cell SUNPOWER, 23.5% efficiency
 Output DC 18V*8.3A&USB 5V*2.4A(Max)
 Open size 52.91*33.07*0.11inch
 Folding size 22.04*16.53*15inch
 Material PET+SUNPOWER Solar cell+waterproof fabric
 Net weight 10.31LB
 Working Temperature -20°C~70°C
 Application Laptop/ Smartphones/tablet PC/battery etc
 Output cable USB, SAE,DC, laptop connectors, car charger,clips etc

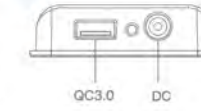


CE FC RoHS

☼ Model No. PETC-H180B



Peak Power 180W
 Solar Cell SUNPOWER, 23.5% efficiency
 Output DC 18V*10A&USB 5V*2.4A(Max)
 Open size 89.6*31*0.19inch
 Folding size 15.66*11.81*3.07inch
 Material PET+SUNPOWER Solar cell+waterproof fabric
 Net weight 12.4LB
 Working Temperature -20°C~70°C
 Application Laptop/ Smartphones/tablet PC/battery etc
 Output cable USB, SAE,DC, laptop connectors, car charger,clips etc

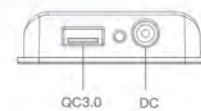


CE FC RoHS

☼ Model No. PETC-H160



Peak Power 160W
 Solar Cell SUNPOWER, 23.5% efficiency
 Output DC 18V*8.7A&USB 5V*2.4A(Max)
 Open size 67.13*21.26*0.24inch
 Folding size 21.26*16.73*1.57inch
 Material PET+SUNPOWER Solar cell+waterproof fabric
 Net weight 7.28LB
 Working Temperature -20°C~70°C
 Application Laptop/ Smartphones/tablet PC/battery etc
 Output cable USB, SAE,DC, laptop connectors, car charger,clips etc

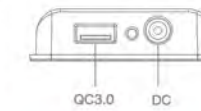


CE FC RoHS

☼ Model No. PETC-H240



Peak Power 240W
 Solar Cell SUNPOWER, 23.5% efficiency
 Output DC 18V*13.3A&USB 5V*2.4A(Max)
 Open size 44.09*66.14*0.11inch
 Folding size 22.04*16.53*0.3inch
 Material PET+SUNPOWER Solar cell+waterproof fabric
 Net weight 16.53LB
 Working Temperature -20°C~70°C
 Application Laptop/ Smartphones/tablet PC/battery etc
 Output cable USB, SAE,DC, laptop connectors, car charger,clips etc



CE FC RoHS

≡ PETC-SBP-C20 SOLAR CAMERA BAG ≡



Peak Power	20W
Solar Cell	High Efficiency Monocrystalline cell
Output	DC 12V*2.3A&USB*2.1A
Size	8.66*12.79*7.48inch
Material	Canvas
Net Weight	1.76LB
Working Temperature	-20°C~70°C
Color	Deep Green + yellow or any other customized color
Service	OEM, ODM



Feature

Standard USB 5V socket and DC 12V to charge cell phones, power bank, Mini Ipad, GPS, Game Player, Ipod, e-reader, Blue tooth, digital camera DV etc. with unique fashion design, ideal for all kinds of outdoor activities, Outdoor Scientific research, outdoor photograph etc.



Selling Point

NEW! 24W Camera Bag! The most powerful solar powered camera bag in the world! Portable presents the world's most powerful camera bag with a solar panel! This professional bag is ideal for safely storing your camera and charging your camera (and phone!) battery using solar and / or USB. This Camera Bag is equipped with a powerful 24Watt solar panel, To protect your precious items from the elements, the zippers are waterproof and the bag is made from splash proof, recycled PET-Bottles. To keep things practical, we have added two additional pockets for your cables or other accessories on the outside. Furthermore, the Camera Bag has a detachable shoulder strap, so you can carry it without it. With the most powerful foldable solar panel in 24watts, you can keep your devices on the power all the time.

Features

- (1) Perfect for camping, photographers, travelers and more
- (2) Designed to power all kinds of USB devices when charging by solar panel to ensure you will never be left with a dead battery in an emergency
- (3) Light weight, UV resistant fabric manufactured, water resistant and designed for the harshest conditions
- (4) Large capacity for 25L of storage, dedicated padded 15" laptop/tablet sleeve, and plenty of other pockets
- (5) Withstand shocks, drops and minor punctures
- (6) Prevent damage to your devices while traveling by tucking them in one of the perfectly sized and secure compartments of the durable backpack
- (7) Apply anti-theft design technology



≡ 10W OUTDOOR SOLAR BACKPACK ≡



Peak Power	10W
Solar Cell	High Efficiency Monocrystalline cell
Output	USB 5V*2.1A
Size	23.62*12.59*7.87inch
Material	Canvas
Net Weight	1.76LB
Working Temperature	-20°C~70°C
Color	Deep Grey + Black or any other customized color
Service	OEM, ODM



Feature

charging iphone/camera/powerbank/ ipad/ any android system phone with unique fashion design, ideal for daily using or business trip



Selling Point

The Portable Luxury Solar Backpack is an innovative high-end solar-integrated backpack, capable of charging many electronics in less than three hours. Integrated with flexible solar-on-plastic, the Packr's solar is seamlessly incorporated into the pack. The durability of the solar panel makes the backpack most state of the art solar-integrated backpack on the market. Whether traveling through an airport for business or studying at the law school library for a big exam, the 10W Portable Solar Backpack will make sure you stay powered-up and in charge.

Features

- ※ Built-in 10W 5V solar panel, Waterproof, UV-resistant PET coating
- ※ No additional battery required
- ※ Charge your devices on the go
- ※ USB output
- ※ Easy-access, 20L main compartment with interior mesh pockets for organization; dedicated side pocket for charging small electronics
- ※ Fabric made from recycled PET (plastic soda bottles) is waterproof, lightweight and UV resistant
- ※ Fully padded laptop/tablet sleeve holds most 15" laptops and 10" tablets
- ※ High density molded back section and breathable mesh shoulder harness for ultimate comfort

SOLAR BACKPACK

❖ Model No. PETC-SBP003



Product name 12W Portable Outdoor Solar Backpack
 Solar panel High Efficiency Monocrystalline Cell
 Output DUAL USB 5V*1.4A
 Main Material Canvas
 Size 13.77*20.47*6.69inch
 Weight 1.58LB
 Color Purple+ Grey+ Black or any other customized color
 Compatible Devices Iphone/ipad/ tablet/ powerbank/
 Service any other smart phone OEM, ODM



SOLAR BACKPACK

❖ Model No. PETC-SBP007



Product name 12W Portable Outdoor Solar Backpack
 Solar panel High Efficiency Monocrystalline Cell
 Output DUAL USB 5V*2.4A(MAX)
 Main Material Canvas
 Size 12.59*17.71*6.69inch
 Weight 2.68LB
 Color Grey+ Black or any other customized color
 Compatible Devices Iphone/ipad/ tablet/ powerbank/
 Service any other smart phone OEM, ODM



❖ Model No. PETC-SBP004



Product name 6.5W Portable Outdoor Solar Backpack
 Solar panel High Efficiency Monocrystalline Cell
 Output USB * 1pc 5V&1.3A
 Main Material Canvas
 Size 13.77*20.47*6.69inch
 Weight 1.54LB
 Color Red+ Grey or any other customized color
 Compatible Devices Iphone/ipad/ tablet/ powerbank/
 Service any other smart phone OEM, ODM



❖ Model No. PETC-SBP010



Product name 16W Portable Outdoor Solar Backpack
 Solar panel High Efficiency SUNPOWER Cell
 Output USB * 1pc 5V*3.2A
 Main Material Jacquard PVC600D
 Size 23.62*12.59*7.87inch
 Weight 1.58LB
 Color Black or any other customized color
 Compatible Devices Iphone/ipad/ tablet/ powerbank/
 Service any other smart phone OEM, ODM



❖ Model No. PETC-SBP006



Product name 10W Portable Outdoor Solar Backpack
 Solar panel High Efficiency SUNPOWER Cell
 Output USB * 1pc 5V*2A
 Main Material Canvas
 Size 13.77*20.47*6.69inch
 Weight 1.71LB
 Color Red+ Black or any other customized color
 Compatible Devices Iphone/ipad/ tablet/ powerbank/
 Service any other smart phone OEM, ODM



❖ Model No. PETC-SBP012



Product name 24W Portable Outdoor Solar Backpack
 Solar panel High Efficiency SUNPOWER Cell
 Output USB * 1pc 5V*4.8A
 Main Material Jacquard PVC600D
 Size 13.77*20.47*6.69inch
 Weight 1.58LB
 Color Black + Red or any other customized color
 Compatible Devices Iphone/ipad/ tablet/ powerbank/
 Service any other smart phone OEM, ODM



SOLAR BACKPACK

❖ Model No. PETC-SBP013



Product name 10W Portable Outdoor Solar Backpack
 Solar panel High Efficiency Monocrystalline Cell
 Output USB * 1pc 5V*2A
 Main Material Canvas
 Size 13.77*20.47*6.69inch
 Weight 1.58LB
 Color Grey+ Black or any other customized color
 Compatible Devices Iphone/ipad/ tablet/ powerbank/
 Service any other smart phone OEM, ODM



SOLAR BACKPACK

❖ Model No. PETC-SBP017



Product name 12W Portable Outdoor Solar Backpack
 Solar panel High Efficiency Monocrystalline Cell
 Output USB * 1pc 5V*2.4A
 Main Material Canvas
 Size 12.59*18.71*6.69inch
 Weight 2.1LB
 Color Grey+ Black or any other customized color
 Compatible Devices Iphone/ipad/ tablet/ powerbank/
 Service any other smart phone OEM, ODM



❖ Model No. PETC-SBP015



Product name 10W Portable Outdoor Solar Backpack
 Solar panel High Efficiency Monocrystalline Cell
 Output USB * 1pc 5V*2A
 Main Material Canvas
 Size 13.77*20.47*6.69inch
 Weight 1.54LB
 Color Grey or any other customized color
 Compatible Devices Iphone/ipad/ tablet/ powerbank/
 Service any other smart phone OEM, ODM



❖ Model No. PETC-SBP018



Product name 16W Portable Outdoor Solar Backpack
 Solar panel High Efficiency SUNPOWER Cell
 Output USB * 1pc 5V*3.2A
 Main Material Jacquard PVC600D
 Size 23.62*12.59*7.87inch
 Weight 1.58LB
 Color Grey or any other customized color
 Compatible Devices Iphone/ipad/ tablet/ powerbank/
 Service any other smart phone OEM, ODM



❖ Model No. PETC-SBP016



Product name 12W Portable Outdoor Solar Backpack
 Solar panel High Efficiency CIGS Cell
 Output USB * 1pc 5V*2.4A
 Main Material Canvas
 Size 13.77*20.47*6.69inch
 Weight 1.71LB
 Color Black or any other customized color
 Compatible Devices Iphone/ipad/ tablet/ powerbank/
 Service any other smart phone OEM, ODM



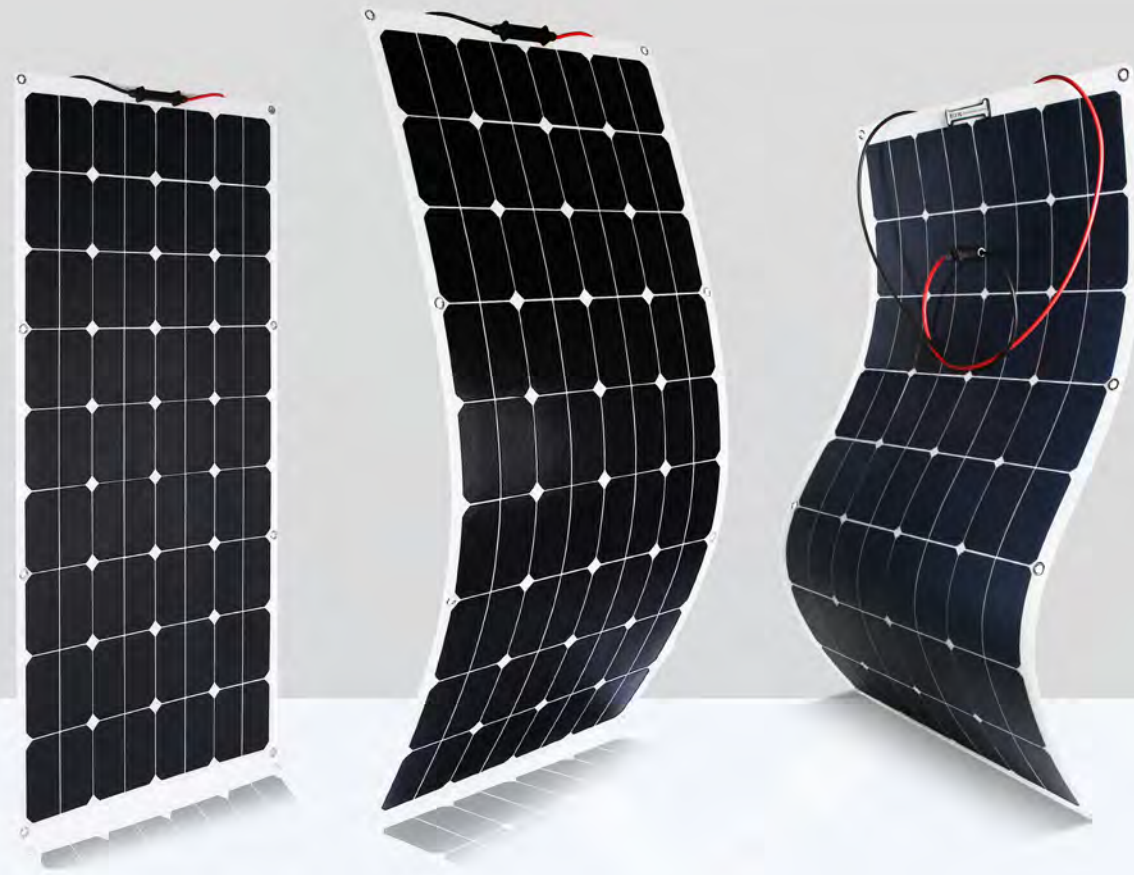
❖ Model No. PETC-SBP020



Product name 12W Portable Outdoor Solar Backpack
 Solar panel High Efficiency CIGS Cell
 Output USB * 1pc 5V*2.4A
 Main Material Leather
 Size 13.77*20.47*6.69inch
 Weight 1.71LB
 Color Black or any other customized color
 Compatible Devices Iphone/ipad/ tablet/ powerbank/
 Service any other smart phone OEM, ODM



≡ 100/120W ETFE FLEXIBLE SOLAR PANEL



Specifications

Peak-power:100/120W
 VPM(V):18V
 Maximum current(A):5.55A/6.66A
 Voc(V):23V
 Isc(A):6.1A/7.3A
 Maximum system voltage(V):1000V

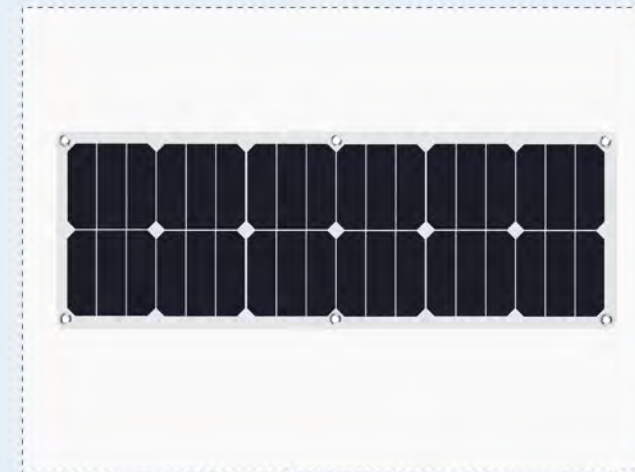
Cell type: Sunpower solar cell
 Output Interface: MC4 connector
 Color: White&Black
 ETFE+EVA+Sunpower Solar Cell +EVA+TPT

The flexible sunpower solar panel conversion efficiency is 23.5%, and the lifetime is about 10years,Which They below excellent Performances: High temperature (80°C) And low light performance, bypass diodes for shadow tolerance, Water-proof, UV-proof, Dust-proof, surface With high transmittance ETFE, back With high waterproof TPT, lightweight, flexible, and portable.



PET/ETFE FLEXIBLE SOLAR PANEL ≡

❖ Model No. PETC-SE40H



Specifications

Peak-power 40W
 VPM(V) 18V
 Maximum Current(A) 2.22A
 Voc(V) 23V
 Isc(A) 2.4A
 Maximum system voltage(V) 1000V

Mechanical Characteristics

Cell type Sunpower solar cell
 Output Interface MC4 connector
 Color White & Black
 Dimension 32.59*11.33*0.08inch
 Weight 1.1LB

❖ Model No. PETC-SE50H



Specifications

Peak-power 50W
 VPM(V) 18V
 Maximum Current(A) 2.77A
 Voc(V) 23V
 Isc(A) 3.04A
 Maximum system voltage(V) 1000V

Mechanical Characteristics

Cell type Sunpower solar cell
 Output Interface MC4 connector
 Color White&Black
 Dimension 21.65*20.85*0.07inch
 Weight 2.2LB

❖ Model No. PETC-SE150H



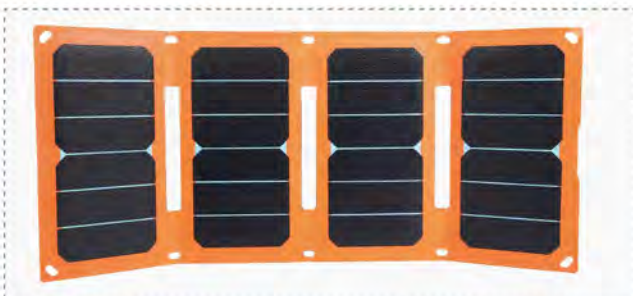
Specifications

Peak-power 150W
 VPM(V) 24V
 Maximum current(A) 6.8A
 Voc(V) 28.8V
 Isc(A) 5.2A
 Maximum system voltage(V) 1000V

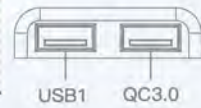
Mechanical Characteristics

Cell type Sunpower solar cell
 Output Interface MC4 connector
 Color White&Black
 Dimension 61.02*20.86*0.07inch
 Weight 6.08LB

≡ PETC-ETFE28 ETFE FOLDING SOLAR PANEL



Peak Power 28W
Solar Cell 19.5% efficiency
Output USB 5V*2.1A&USB 5V*2.4A(Max)
Open size 25.6*11.81*0.19inch
Folding size 6.4*11.81*1.6inch
Material ETFE+PET+EVA+ Sunpower Cell+ TPT+ waterproof fabric
Net weight 0.73LB
Working Temperature -20°C~70°C
Application All kinds of 5V devices: Smartphones/battery etc



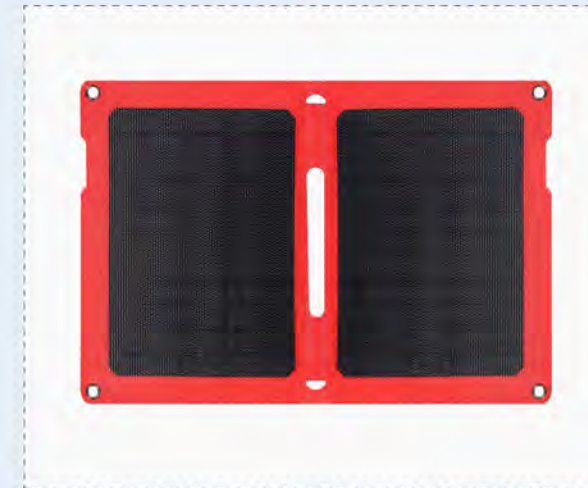
Optional power	7W	14W (2 folds)	21W (3 folds)	28W (4 folds)	40W (6 folds)
Solar Cell	Sunpower/mono	Sunpower/mono	Sunpower/mono	Sunpower/mono	Sunpower/mono
Product Size(Unfold)	6.4*11.81*0.19inch	12.7*11.81*0.19inch	19.2*11.81*0.19inch	25.6*11.81*0.19inch	38.4*11.81*0.19inch
Product Size(Folded)	6.4*11.81*0.19inch	6.35*11.81*0.78inch	6.4*11.81*0.9inch	6.4*11.81*1.6inch	6.4*11.81*2.4inch
Connector	USB	USB	USB	USB	USB
Output	5V/2.1A	5V/2.1A	5V/2.1A	5V/2.1A	5V/2.1A
Weight (Lb)	0.24	0.48	0.73	1.47	1.47

Selling Point

- High Energy transfer rate:**
28 Watt SUNPOWER High efficiency solar panel increases conversion efficiency up to 24% which is much higher than common solar panel charger (≤15%).
- Unlimited Power Source :**
Simply unfold under the sunlight and make full use of the clean and unlimited solar power to charge your smartphone or any other USB powered devices. Featuring two Smart charging ports, you can charge any two devices at once.
- Portable and Lightweight:**
Triple fold design (200*302*5mm) and lightweight (481g) make it very easy to pack into your backpack. Well-placed eye-hole, mounting loops around the panel allow easy attachment to backpacks, bicycle, tent, etc.
- Renewable Power Source Anywhere Anytime:**
Simply unfold PowerGreen lightweight solar panel charger and enjoy clean and unlimited charging experience straight from the sunlight.
- Charge Fast, Charge Smartly :**
Intelligent chip inside will automatically detect fastest possible charge currency for your device and SUNPOWER solar panel will offer up to 24% high conversion efficiency to achieve high speed charging.
- Take it Wherever You Go:**
Ultra-portable and convenient, the triple-fold design is perfect for outdoor activity, e.g. hiking, traveling, etc. Evenly placed eyeholes and mounting loops attach easily to your backpack. What's more , the special ETEF material make this product waterproof and with a waterproof level of IP67 .
- To charge all 5V device:** Cellphone / Power bank / Tablets/Mobile wifi / Mobile translator / Camera / PSP game / Car DVR/Bluetooth etc.
- Applications:** Road trip, camping, marine, cycling, climbing and etc.

≡ ETFE FOLDING SOLAR PANEL ≡

✧ Model No. PETC-ETFE10



Peak Power 10W
Solar Cell 19.5% efficiency
Output USB 5V*2.1A
Open size 16.14x10.63x0.10inch
Folding size 8.07x10.63x0.51inch
Material ETFE+EVA+SOLAR Cell+EVA+Back sheet makes
Net weight 0.52LB
Working Temperature -20°C~70°C
Application All kinds of 5V devices: Smartphones/battery etc



✧ Model No. PETC-ETFE24



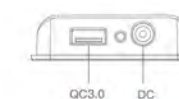
Peak Power 24W
Solar Cell 19.5% efficiency
Output Three USB 5V*2.1A
Open size 23.07x12.8x0.056inch
Folding size 12.8x7.48x0.63inch
Material ETFE+EVA+SOLAR Cell+EVA+Back sheet makes
Net weight 1.1LB
Working Temperature -20°C~70°C
Application All kinds of 5V devices: Smartphones/battery etc



✧ Model No. PETC-ETFE60



Peak Power 60W
Solar Cell SUNPOWER, 23.5% efficiency
Output SAE 19.9V*3A
Open size 37.20x18.89x0.11inch
Folding size 8.07x16.38x0.71inch
Material ETFE+EVA+ Sunpower Cell+ TPT+ waterproof fabric
Net weight 3.74LB
Working Temperature -20°C~70°C
Application All kinds of 12V devices: Smartphones/battery etc



❖ Model No. PETC-LG1.2



Solar panel 1.2W,SMT LG Solar Panel
 High efficiency 24%~25% efficiency
 Output 5V*0.24A
 Output interface with electrode welded points
 Size Dia 4.52inch
 Structure LG Solar Cell+PCB
 Packing bubble pack
 Features Easy to hang and take, Easy to Make DIY



❖ Model No. PETC-LG2.2



Solar panel 2.2W,SMT LG Solar Panel
 High efficiency 24%~25% efficiency
 Output 5V*0.44A
 Output interface with electrode welded points
 Size 5.31*5.51*0.03inch
 Structure LG Solar Cell+PCB
 Packing bubble pack
 Features Easy to hang and take, Easy to Make DIY



❖ Model No. PETC-LG04-Square



Solar panel 4W,SMT LG Solar Panel
 High efficiency 24%~25% efficiency
 Output 5.5V*0.72A
 Output interface with electrode welded points
 Size 6.29*6.29*0.03inch
 Structure LG Solar Cell+PCB
 Packing bubble pack
 Features Easy to hang and take, Easy to Make DIY



❖ Model No. PETC-LG04



Solar panel 4W,SMT LG Solar Panel
 High efficiency 24%~25% efficiency
 Output 5V*0.8A
 Output interface with electrode welded points
 Size 5.31*9.84*0.03inch
 Structure LG Solar Cell+PCB
 Packing bubble pack
 Features Easy to hang and take, Easy to Make DIY



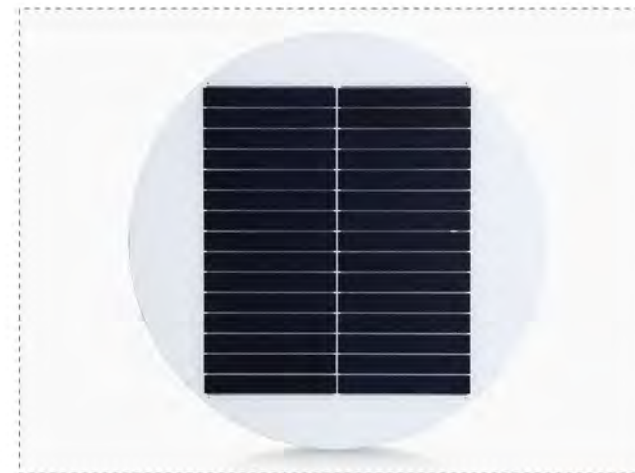
❖ Model No. PETC-LG05-T



Solar panel 5W,SMT LG Solar Panel
 High efficiency 24%~25% efficiency
 Output 5V*1A
 Output interface with electrode welded points
 Size 5.31*8.72*0.03inch
 Structure LG Solar Cell+PCB
 Packing bubble pack
 Features Easy to hang and take, Easy to Make DIY



❖ Model No. PETC-5Y



Solar panel 5W,SUNPOWER solar cell
 High efficiency 24% efficiency
 Output 5V*1A
 Output interface with electrode welded points
 Size Dia 9.29inch
 Structure SUNPOWER Solar cell+PCB
 Packing bubble pack
 Features Easy to hang and take, Easy to Make DIY



❖ Model No. SE0.5H-10



Solar panel 0.5W,Sunpower solar cell
 High efficiency 23.5%
 Output 5V*0.1A
 Output interface with electrode welded points
 Size 2.08*2.08*0.03inch
 Structure PET+EVA+Sunpower Solar Cell +PCB
 Packing bubble pack
 Features light weight ,small size,easy to hang and take, easy to Make DIY



❖ Model No. SE0.5H-9



Solar panel 0.5W,Sunpower solar cell
 High efficiency 23.5%
 Output 4.5V*0.11A
 Output interface with electrode welded points
 Size 2.16*2.16*0.03inch
 Structure PET+EVA+Sunpower Solar Cell +PCB
 Packing bubble pack
 Features light weight ,small size,easy to hang and take, easy to Make DIY



❖ Model No. SE0.58H-10



Solar panel 0.58W,Sunpower solar cell
 High efficiency 23.5%
 Output 5V*0.116A
 Output interface with electrode welded points
 Size 3.07*1.53*0.03inch
 Structure PET+EVA+Sunpower Solar Cell +PCB
 Packing bubble pack
 Features light weight ,small size,easy to hang and take, easy to Make DIY



❖ Model No. SE1.98H-36



Solar panel 1.98W,Sunpower solar cell
 High efficiency 23.5%
 Output 5V*0.39A
 Output interface with electrode welded points
 Size 3.14*4.72*0.39inch
 Structure PET+EVA+Sunpower Solar Cell +PCB
 Packing bubble pack
 Features light weight ,small size,easy to hang and take, easy to Make DIY



❖ Model No. SE02H



Solar panel 2W,Sunpower solar cell
 High efficiency 23.5%
 Output 5V*0.4A
 Output interface with electrode welded points
 Size 3.2*5.19*0.03inch
 Structure PET+EVA+Sunpower Solar Cell +PCB
 Packing bubble pack
 Features light weight ,small size,easy to hang and take, easy to Make DIY



❖ Model No. SE02H-10



Solar panel 2W,Sunpower solar cell
 High efficiency 23.5%
 Output 5V*0.4A
 Output interface with electrode welded points
 Size 3.83*5.96*0.03inch
 Structure PET+EVA+Sunpower Solar Cell +PCB
 Packing bubble pack
 Features light weight ,small size,easy to hang and take, easy to Make DIY



≡ SMT LG/SUNPOWER SOLAR PANEL

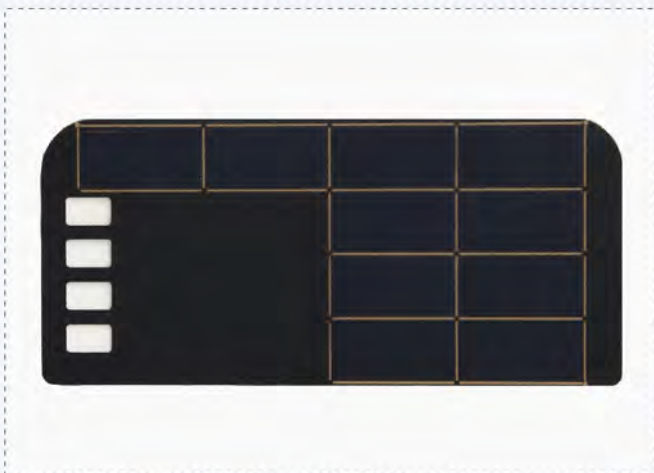
❖ Model No. SE1.5H



Solar panel 1.5W,Sunpower solar cell
 High efficiency 23.5%
 Output 5V*0.3A
 Output interface with electrode welded points
 Size 4.72*2.55*0.03inch
 Structure PET+EVA+Sunpower Solar Cell +PCB
 Packing bubble pack
 Features light weight ,small size,easy to hang and take, easy to Make DIY



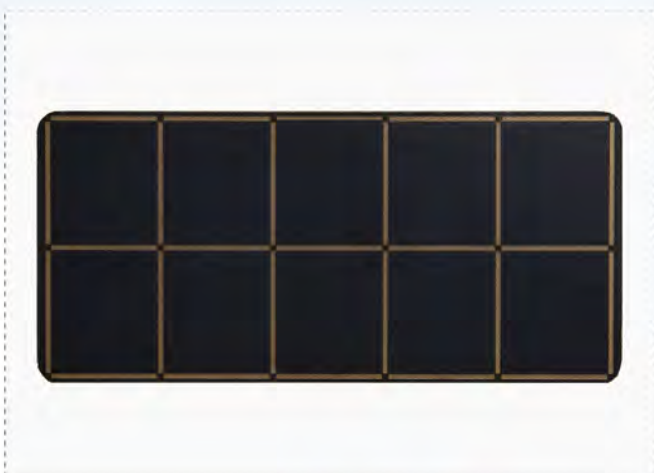
❖ Model No. SE01H



Solar panel 1W,Sunpower solar cell
 High efficiency 23.5%
 Output 5V*0.2A
 Output interface with electrode welded points
 Size 5.07*2.32*0.03inch
 Structure PET+EVA+Sunpower Solar Cell +PCB
 Packing bubble pack
 Features light weight ,small size,easy to hang and take, easy to Make DIY



❖ Model No. SE1.7H

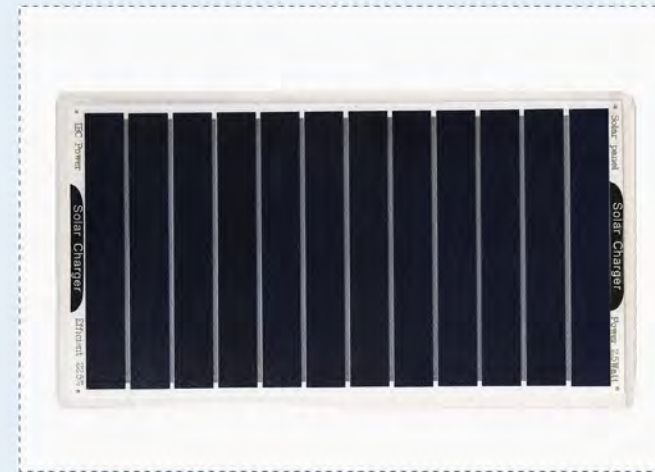


Solar panel 1.7W,Sunpower solar cell
 High efficiency 23.5%
 Output 5V*0.34A
 Output interface with electrode welded points
 Size 5.23*2.44*0.03inch
 Structure PET+EVA+Sunpower Solar Cell +PCB
 Packing bubble pack
 Features light weight ,small size,easy to hang and take, easy to Make DIY



SMT LG/SUNPOWER SOLAR PANEL ≡

❖ ModelNo. SE2.4H



Solar panel 2.4W,Sunpower solar cell
 High efficiency 23.5%
 Output 6V*0.4A
 Output interface with electrode welded points
 Size 5.9*3.14*0.04inch
 Structure PET+EVA+Sunpower Solar Cell +PCB
 Packing bubble pack
 Features light weight ,small size,easy to hang and take, easy to Make DIY



❖ Model No. SE04H



Solar panel 4W,Sunpower solar cell
 High efficiency 23.5%
 Output 9V*0.44A
 Output interface with electrode welded points
 Size 8.66*5.11*0.03inch
 Structure PET+EVA+Sunpower Solar Cell +PCB
 Packing bubble pack
 Features light weight ,small size,easy to hang and take, easy to Make DIY



❖ Model No. SE10H



Solar panel 10W,Sunpower solar cell
 High efficiency 23.5%
 Output 18V*0.56A
 Output interface with electrode welded points
 Size 12.59*8.66*0.03inch
 Structure PET+EVA+Sunpower Solar Cell +PCB
 Packing bubble pack
 Features light weight ,small size,easy to hang and take, easy to Make DIY



≡ PET/ETFE SOLAR PANEL PATCH ASSEMBLY

❖ Model No. PETC-0.5H



Solar panel	0.5W, Mono solar cell
High efficiency	19~22% efficiency
Output	5V*0.2A(Max)
Output interface	with electrode welded points
Size	4.7*22.55*0.07inch
Structure	PET/ETFE+Mono Solar cell+EVA+PCB
Packing	bubble pack
Features	Easy to hang and take, Easy to Make DIY



PET/ETFE SOLAR PANEL PATCH ASSEMBLY ≡

❖ Model No. PETC-4S



Solar panel	4W, Mono solar cell
High efficiency	19~22% efficiency
Output	6V*0.67A(Max)
Output interface	with electrode welded points
Size	6.88*5.31*0.07inch
Structure	Glass+Mono Solar cell+EVA+PCB
Packing	bubble pack
Features	Easy to hang and take, Easy to Make DIY



❖ Model No. PETC-1.8S



Solar panel	1.8W, Mono solar cell
High efficiency	19~22% efficiency
Output	6V*0.3A(Max)
Output interface	with electrode welded points
Size	5.31*4.33*0.07inch
Structure	PET/ETFE+Mono Solar cell+EVA+PCB
Packing	bubble pack
Features	Easy to hang and take, Easy to Make DIY



❖ Model No. PETC-5H



Solar panel	5W, Sunpower solar cell
High efficiency	23.5%
Output	5V*1A(Max)
Output interface	with electrode welded points
Size	8.66*5.11*0.03inch
Structure	PET/ETFE+SUNPOWER Solar cell+EVA+TPT
Packing	bubble pack
Features	light weight ,small size,easy to hang and take, easy to Make DIY



❖ Model No. PETC-3.5S



Solar panel	3.5W, Mono solar cell
High efficiency	19~22% efficiency
Output	9V*0.39A(Max)
Output interface	with electrode welded points
Size	8.26*5.31*0.07inch
Structure	PET/ETFE+Mono Solar cell+EVA+PCB
Packing	bubble pack
Features	Easy to hang and take, Easy to Make DIY



❖ Model No. PETC-6.5H

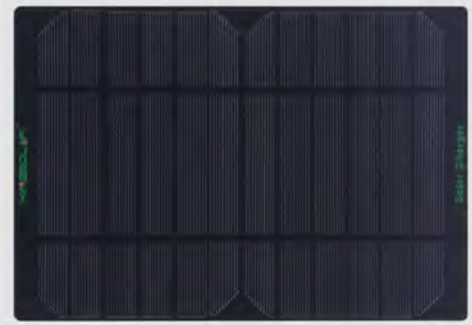


Solar panel	6.5W, Sunpower solar cell
High efficiency	23.5%
Output	6V*1.08A(Max)
Output interface	with electrode welded points
Size	11.1*5.23*0.03inch
Structure	PET/ETFE+SUNPOWER Solar cell+EVA+TPT
Packing	bubble pack
Features	light weight ,small size,easy to hang and take, easy to Make DIY



≡ PET/ETFE SOLAR PANEL PATCH ASSEMBLY ≡

✧ Model No. PETC-08S



Solar panel 8W, Mono solar cell
 High efficiency 19~22% efficiency
 Output 6V*1.33A(Max)
 Output interface with electrode welded points
 Size 9.05*7.08*0.07inch
 Structure PET/ETFE+Mono Solar cell+EVA+PCB
 Packing bubble pack
 Features Easy to hang and take, Easy to Make DIY



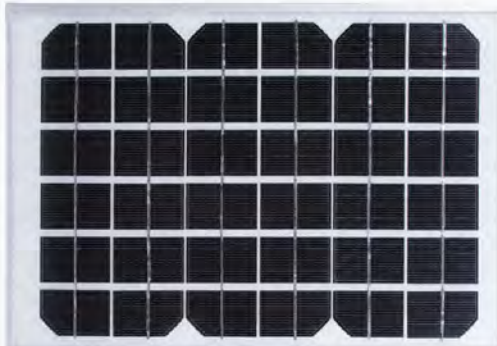
✧ Model No. PETC-10S



Solar panel 10W, Mono solar cell
 High efficiency 19~22% efficiency
 Output 18V*0.56A(Max)
 Output interface with electrode welded points
 Size 12.59*8.66*0.07inch
 Structure PET/ETFE+Mono Solar cell+EVA+PCB
 Packing bubble pack
 Features Easy to hang and take, Easy to Make DIY



✧ Model No. PETC-10SL



Solar panel 10W, Mono solar cell
 High efficiency 19~22% efficiency
 Output 18V*0.56A(Max)
 Output interface with electrode welded points
 Size 14.56*10.39*0.07inch
 Structure PET/ETFE+Mono Solar cell+EVA+Tempered Glass
 Packing bubble pack
 Features Easy to hang and take, Easy to Make DIY



PET/ETFE SOLAR PANEL PATCH ASSEMBLY ≡

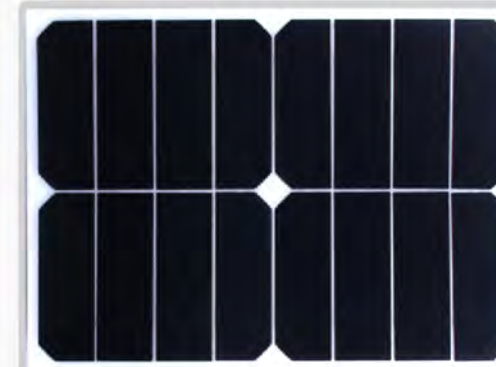
✧ Model No. PETC-14H



Solar panel 14W, SUNPOWER solar cell
 High efficiency 24% efficiency
 Output 2V*7A(Max)
 Output interface with electrode welded points
 Size 20.07*5.31*0.03inch
 Structure PET/ETFE+SUNPOWER Solar cell+EVA+PCB
 Packing bubble pack
 Features Easy to hang and take, Easy to Make DIY



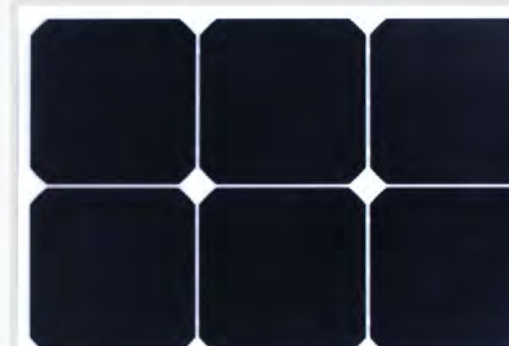
✧ Model No. PETC-15H



Solar panel 15W, SUNPOWER solar cell
 High efficiency 24% efficiency
 Output 8V*0.83A(Max)
 Output interface with electrode welded points
 Size 14.48*10.62*0.03inch
 Structure PET/ETFE+SUNPOWER Solar cell+EVA+PCB
 Packing bubble pack
 Features Easy to hang and take, Easy to Make DIY



✧ Model No. PETC-20H



Solar panel 20W, SUNPOWER solar cell
 High efficiency 24% efficiency
 Output 3V*6.67A(Max)
 Output interface with electrode welded points
 Size 15.74*10.62*0.03inch
 Structure PET/ETFE+SUNPOWER Solar cell+EVA+PCB
 Packing bubble pack
 Features Easy to hang and take, Easy to Make DIY



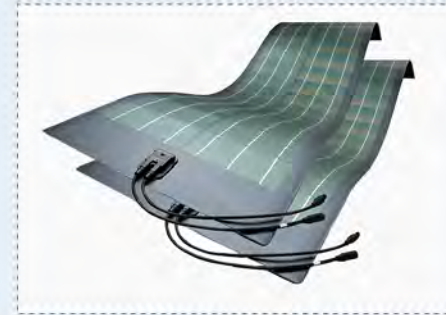
≡ PETC-CIGS230 SOLAR PANEL



Peak Power	230W
Solar Cell	CIGS, 16.5% efficiency
Maximum Power Voltage	23.1V
Maximum Power Current	10.03A
Open Circuit Voltage	11.29A
Short Circuit Current	12.33A
Size	158.9*24.58*0.12inch
Weight	5.95LB
Cable connections	MC4 Compatible

Feature

Ultra thin ETFE laminated CIGS solar panel
Highly flexible, waterproof, durable makes long lifespan



Selling Point

High performance of thin film solar in a lightweight and flexible form factor the CIGS series modules are designed for low slope commercial roofs – perfect for today’s advanced TPO systems. The FLEX modules bond directly onto the TPO roof system, eliminating the need for solar racking, concrete ballasts, and roof penetrations. Integration of the low profile, thin film modules onto the TPO roof surface protects against seismic movement and high winds. The MiaSolé FLEX modules simplify project logistics and reduce labor costs and installation times. The final installed solar solution is lightweight making it ideal for low weight bearing building structures. Features and benefits factory applied self-adhesive – simple peel & stick application efficiency rating +15.5% lightweight – 0.7 lb/ft2 High wind zone performance low labor and balance of system (BOS) costs direct bonding on TPO with some roof manufactures optional: secondary membrane panel option for older TPO roofs



≡ CIGS SOLAR PANEL ≡

✦ Model No. PETC-CIGS60



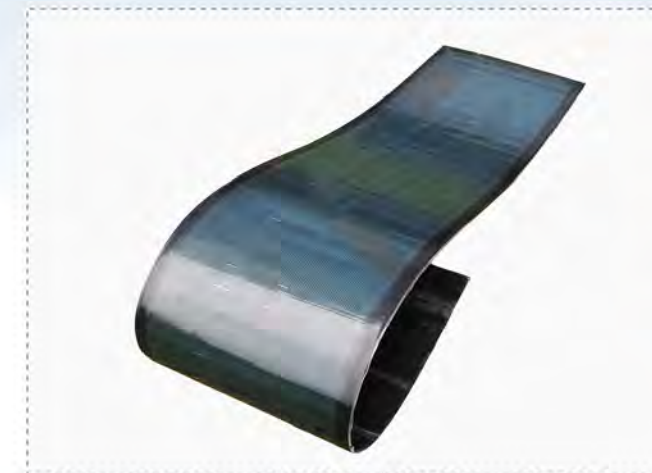
Peak-power	60W
Solar Cell	CIGS, 16.5% efficiency
Maximum Power Voltage	21.6V
Maximum Power Current	2.93A
Open Circuit Voltage	27.1V
Short Circuit Current	3.62A
Size	17.51*14.56*0.12inch
Weight	1.56LB
Cable connections	MC4 Compatible

Feature

Ultra thin ETFE laminated CIGS solar panel
Highly flexible, waterproof, durable makes long lifespan



✦ Model No. PETC-CIGS70



Peak-power	70W
Solar Cell	CIGS, 16.5% efficiency
Maximum Power Voltage	22.3V
Maximum Power Current	3.25A
Open Circuit Voltage	27.9V
Short Circuit Current	3.7A
Size	20.47*14.56*0.12inch
Weight	1.82LB
Cable connections	MC4 Compatible

Feature

Ultra thin ETFE laminated CIGS solar panel
Highly flexible, waterproof, durable makes long lifespan



✦ Model No. PETC-CIGS90



Peak-power	90W
Solar Cell	CIGS, 16.5% efficiency
Maximum Power Voltage	16.5V
Maximum Power Current	5.4A
Open Circuit Voltage	22V
Short Circuit Current	6.3A
Size	79.4*19.44*0.12inch
Weight	5.73LB
Cable connections	MC4 Compatible

Feature

Ultra thin ETFE laminated CIGS solar panel
Highly flexible, waterproof, durable makes long lifespan



❖ Model No. PETC-CIGS100



Peak-power	100W
Solar Cell	CIGS, 16.5% efficiency
Maximum Power Voltage	17.8V
Maximum Power Current	5.6A
Open Circuit Voltage	23.3V
Short Circuit Current	6.4A
Size	79.4*19.44*0.12inch
Weight	1.48LB
Cable connections	MC4 Compatible

Feature

Ultra thin ETFE laminated CIGS solar panel
Highly flexible, waterproof, durable makes long lifespan



❖ Model No. PETC-CIGS150B



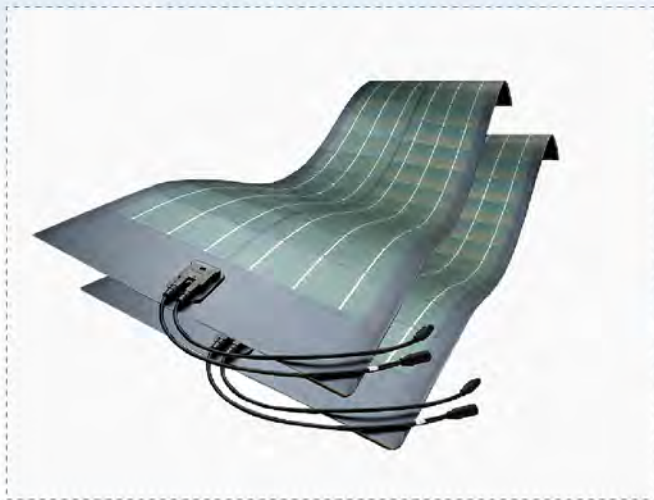
Peak Power	150W
Solar Cell	CIGS, 16.5% efficiency
Output	DC 18V*8.2A USB 5V*2.4A
Size	66.54*27.17*0.04inch
Net weight	4.34LB
Working Temperature	-20°C~70°C
Application	All kinds of 5V/12V devices Smartphones/ battery etc
Output cable	USB, DC

Feature

Ultra thin ETFE laminated CIGS solar panel
Highly flexible, waterproof, durable makes long lifespan



Model No. PETC-CIGS120



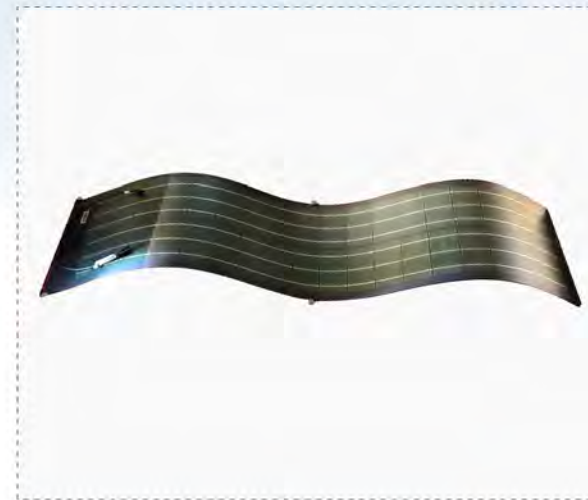
Peak-power	120W
Solar Cell	CIGS, 16.5% efficiency
Maximum Power Voltage	16.4V
Maximum Power Current	5.6A
Open Circuit Voltage	23.3V
Short Circuit Current	6.4A
Size	85.9*19.44*0.12inch
Weight	1.75LB
Cable connections	MC4 Compatible

Feature

Ultra thin ETFE laminated CIGS solar panel
Highly flexible, waterproof, durable makes long lifespan



❖ Model No. PETC-CIGS185



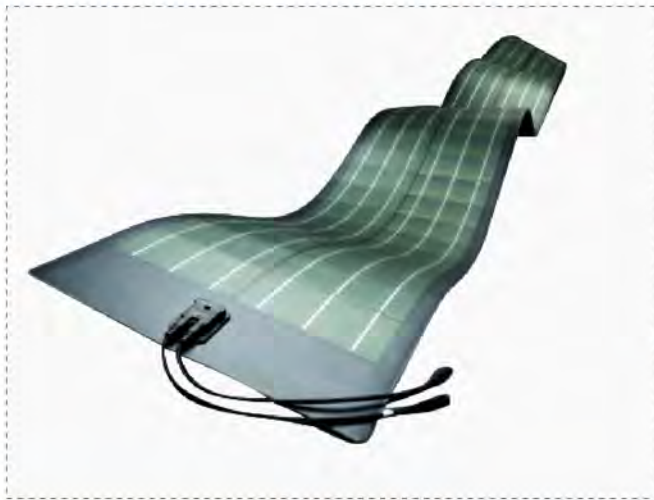
Peak-power	185W
Solar Cell	CIGS, 16.5% efficiency
Maximum Power Voltage	34.7V
Maximum Power Current	5.3A
Open Circuit Voltage	45.6V
Short Circuit Current	6.3A
Size	152.8*19.44*0.12inch
Weight	2.88LB
Cable connections	MC4 Compatible

Feature

Ultra thin ETFE laminated CIGS solar panel
Highly flexible, waterproof, durable makes long lifespan



❖ Model No. PETC-CIGS150



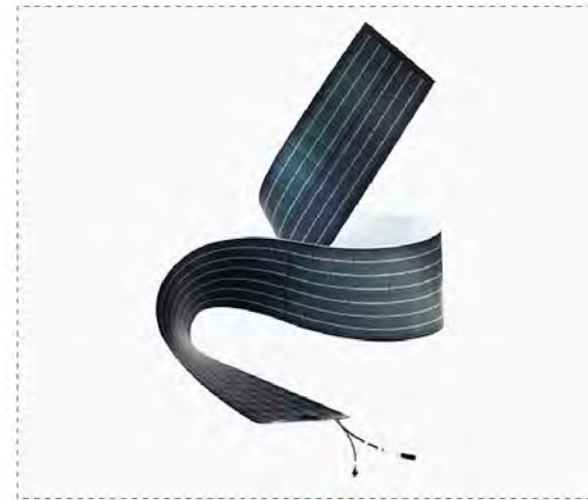
Peak-power	150W
Solar Cell	CIGS, 16.5% efficiency
Maximum Power Voltage	17.6V
Maximum Power Current	5.6A
Open Circuit Voltage	23.3V
Short Circuit Current	6.4A
Size	92.5*19.44*0.12inch
Weight	2.23LB
Cable connections	MC4 Compatible

Feature

Ultra thin ETFE laminated CIGS solar panel
Highly flexible, waterproof, durable makes long lifespan



❖ Model No. PETC-CIGS200



Peak-power	200W
Solar Cell	CIGS, 16.5% efficiency
Maximum Power Voltage	21.7V
Maximum Power Current	9.52A
Open Circuit Voltage	27.6V
Short Circuit Current	11.1A
Size	162.2*19.44*0.12inch
Weight	3.06LB
Cable connections	MC4 Compatible

Feature

Ultra thin ETFE laminated CIGS solar panel
Highly flexible, waterproof, durable makes long lifespan



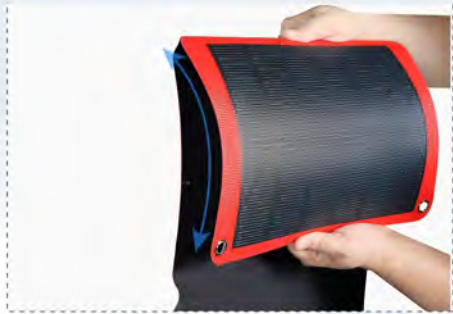
≡ PETC-CIGS36 SOLAR PANEL



Peak Power	36W
Solar Cell	CIGS, 16.5% efficiency
Output	3USB QC3.0 output 5V*2.4A
Open size	12.59*34.6*0.03inch
Folding size	9.65*12.9*0.98inch
Net weight	1.48LB
Working Temperature	-20°C~70°C
Output cable	USB

Feature

Ultra thin ETFE laminated CIGS solar panel
Highly flexible, waterproof, durable makes long lifespan,
fast charge USB port



Selling Point

Launched 36W CIGS folding solar panels. 36W portable collapsible solar panels provide the most precious items directly Solar battery! These panels are manufactured using the most effective flexible film solar cells and are available in the US Energy conversion rate of up to 20%! These panels are hand-stitched into heavy-duty waterproof leather Durable and lightweight folding design. We use a USB output port to charge USB devices such as smartphone tablets.

High Performance of Thin Film Solar in a Lightweight and Flexible Form Factor The CIGS Series modules are designed for low slope commercial .



≡ CIGS SOLAR PANEL

❖ Model No. PETC-CIGS10



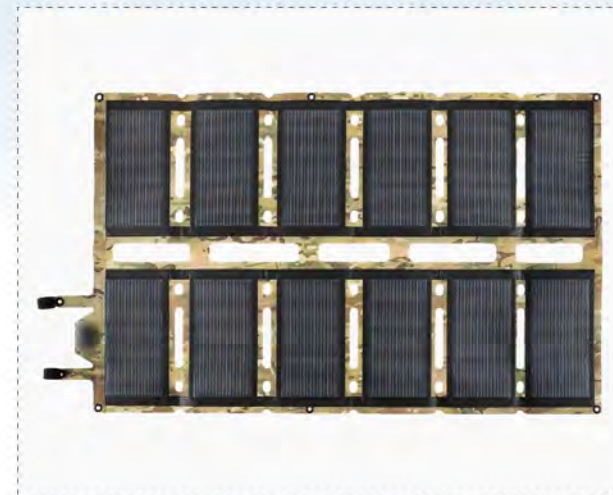
Peak Power	10W
Solar Cell	CIGS, 16.5% efficiency
Output	USB 5V*2A
Open size	14.2*11.8*0.03inch
Folding size	2.37*11.8*1.18inch
Net weight	0.58LB
Working Temperature	-20°C~70°C
Output cable	USB

Feature

Ultra thin ETFE laminated CIGS solar panel
Highly flexible, waterproof, durable makes long lifespan



❖ Model No. PETC-CIGS45



Peak Power	45W
Solar Cell	CIGS, 16.5% efficiency
Output	DC 18V*2.5A&USB 5V*2.4A
Open size	16*22*0.03inch
Folding size	2.67*11*1.18inch
Net weight	0.48LB
Working Temperature	-20°C~70°C
Output cable	USB, DC

Feature

Ultra thin ETFE laminated CIGS solar panel
Highly flexible, waterproof, durable makes long lifespan



❖ Model No. PETC-CIGS54



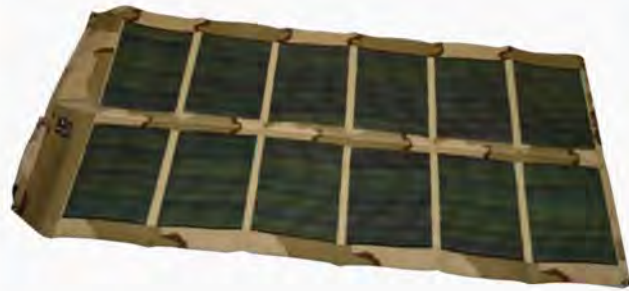
Peak Power	54W
Solar Cell	CIGS, 16.5% efficiency
Output	DC 18V*3A&USB 5V*2.4A(Max)
Open size	17.6*34.36*0.03inch
Folding size	5.71*10.83*1.18inch
Net weight	1.48LB
Working Temperature	-20°C~70°C
Output cable	USB, DC

Feature

Ultra thin ETFE laminated CIGS solar panel
Highly flexible, waterproof, durable makes long lifespan



≡ PETC-CIGS75



Peak Power	75W
Solar Cell	CIGS, 16.5% efficiency
Output	16.5V*4.6A(Max)
Open size	154.94*60.96*0.03inch
Net weight	852g
Working Temperature	-20°C~70°C
Application	all kinds of 5V and 12V devices: phones, batteries, photography, power tools etc
Output cable	DC/MC4/SAE

Feature

Ultra thin ETFE laminated CIGS solar panel
Highly flexible, waterproof, durable makes long lifespan



Selling Point

Overview

The PETC-CIGS 75W is a Military grade Solar Charger derived from years of supporting troops in the battlefield. It has been tested to the MIL-STD-810G series of tests and has been approved for deployment in austere operating environments. At 40w/pound, it enables manpack applications requiring lightweight, flexible, and reliable power. The Portable Power Pack is used worldwide to provide users an alternate power generator for charging lead-acid, Nickel Cadmium (NiCd), Nickel-Metal-Hydrate (NiMH) and Lithium Ion rechargeable batteries. It will enable extended missions, provide energy security, restore power silently and can provide power for remote, portable surveillance equipment. Twice the power to weight ratio of alternative solar generators, it is ideal for situations requiring power renewal to batteries and mobile electronics. This Portable Power Pack folds for easy transport and storage. Accessories Included: 12.5ft SAE to SAE Extension Cable, SAE to Ring Connection, SAE to FCLA Receptacle, SAE to MCLA, SAE to 2.5mmID x 5.5mmOD BARREL PLUG, and SAE to 2.1mmID x 5.5mmOD BARREL PLUG.

Perfect for charging

Rechargeable Batteries / GPS Devices / Laptop Computers / 2-way Radios / Satellite & Cell Phones / PDAs MP3 Players/Satellite

Terminals / Thermal Imaging Camera's / Laser Rangefinders

Tech Specs

Dimensions (LxWxH): 61*24*0.04inch	Open Circuit Voltage (Volts): 22V	Cell Temperature Operating Range(°C): -40°C to 85°C
Folded Dimensions: 10*12.5* 0.9inch	Short Circuit Current (Amps): 5.5	Voltage, Open Circuit @ -40°C (Volts): 27.8V
Weight: 1.88lb	Model: PETC-CIGS 75W	Voltage, Vmpp @ 50°C (Volts): 14.85V
Shipping Weight: 4lb	Temperature Coefficient for Power(%/°C): -0.43	Voltage, Vmpp @ 75°C (Volts): 13.37V
Rated Power: 75 Watts	Temperature Coefficient for Voltage(%/°C): -0.38	
Rated Voltage at MPP (VDC): 16.5V	Temperature Coefficient for Voc(%/°C): -0.33	
Rated Current at MPP (Amps): 4.6A	Temperature Coefficient for Isc(%/°C): -0.03	

CIGS SOLAR PANEL ≡

✧ Model No. PETC-CIGS12



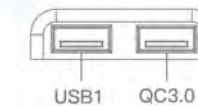
Peak Power	12W
Solar Cell	CIGS, 16.5% efficiency
Output	5V*2.4A(Max)
size	5.11*12.11*0.03inch
Net weight	0.13LB
Working Temperature	-20°C~70°C
Application	All kinds of 5V devices Smartphones/battery etc
Output cable	USB



✧ Model No. PETC-CIGS18



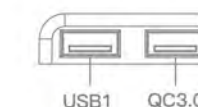
Peak Power	18W
Solar Cell	CIGS, 16.5% efficiency
Output	5V*2.1A&5V*2.4A(Max)
Open size	24.02*10.55*0.16inch
Folding size	10.55*6.3*1.18inch
Net weight	1.21LB
Working Temperature	-20°C~70°C
Application	All kinds of 5V devices Smartphones/battery etc
Output cable	USB



✧ Model No. PETC-CIGS20

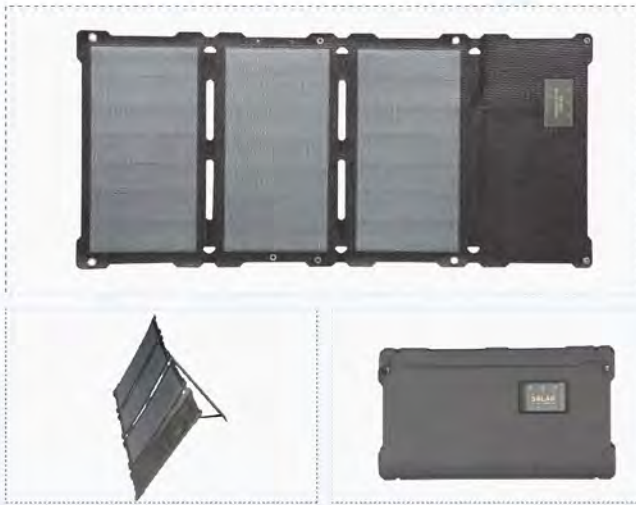


Peak Power	20W
Solar Cell	CIGS, 16.5% efficiency
Output	5V*1.7A&5V*2.4A(Max)
Open size	10.55*10.55*0.15inch
Folding size	268*6.29*1.18inch
Net weight	1.21LB
Working Temperature	-20°C~70°C
Application	All kinds of 5V devices Smartphones/battery etc
Output cable	USB



≡ CIGS SOLAR PANEL

❖ Model No. PETC-CIGS21



Peak Power 21W
 Solar Cell CIGS, 16.5% efficiency
 Output Three USB 5V*1.3A
 Open size 30.79*13.98*0.04inch
 Folding size 13.98*7.87*1.1inch
 Net weight 2.2LB
 Working Temperature -20°C~70°C
 Application All kinds of 5V devices Smartphones/battery etc
 Output cable USB



CIGS SOLAR PANEL ≡

❖ Model No. PETC-CIGS28B



Peak Power 28W
 Solar Cell CIGS, 16.5% efficiency
 Output 5V*5.56A(Max)
 Open size 23.1*12.2*0.11inch
 Folding size 5.11*12.2*0.78inch
 Net weight 0.83LB
 Working Temperature -20°C~70°C
 Application All kinds of 5V devices Smartphones/battery etc
 Output cable USB



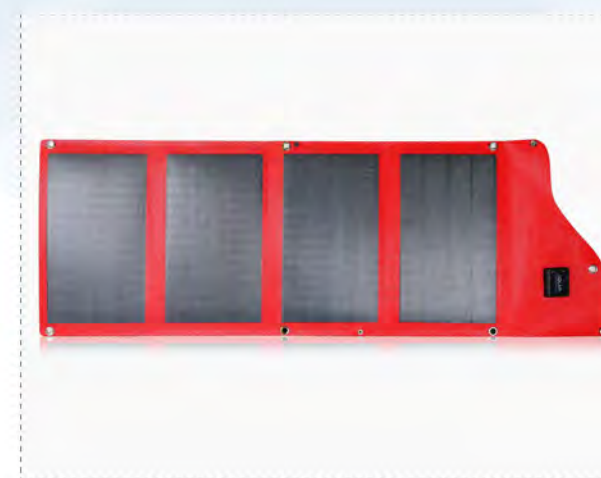
❖ Model No. PETC-CIGS24



Peak Power 24W
 Solar Cell CIGS, 16.5% efficiency
 Output 5V*2.1A&5V*2.4A(Max)
 Open size 28.74*13.58*0.15inch
 Folding size 13.58*7.87*0.87inch
 Net weight 0.76LB
 Working Temperature -20°C~70°C
 Application All kinds of 5V devices Smartphones/battery etc
 Output cable USB



❖ Model No. PETC-CIGS32



Peak Power 32W
 Solar Cell CIGS, 16.5% efficiency
 Output 5V*2.1A&5V*2.4A(Max)
 Open size 24.84*12.59*0.03inch
 Folding size 5.21*12.59*1.18inch
 Net weight 1.2LB
 Working Temperature -20°C~70°C
 Application All kinds of 5V devices Smartphones/battery etc
 Output cable USB



❖ Model No. PETC-CIGS28



Peak Power 28W
 Solar Cell CIGS, 16.5% efficiency
 Output DC 18V*1.8A&USB 5V*2.1A
 Open size 41.05*14.56*0.04inch
 Folding size 14.56*8.23*1.32inch
 Net weight 2.42LB
 Working Temperature -20°C~70°C
 Application All kinds of 5V devices Smartphones/battery etc
 Output cable USB, DC, Battery Clip etc



❖ Model No. PETC-CIGS36



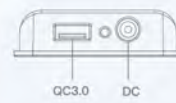
Peak Power 36W
 Solar Cell CIGS, 16.5% efficiency
 Output DC 18V*1.95A USB 5V*2.5A
 Open size 29.53*24.21*0.08inch
 Folding size 12.2*8.07*0.98inch
 Net weight 1.87LB
 Working Temperature -20°C~70°C
 Application All kinds of 5V/12V devices Smartphones/battery etc
 Output cable USB, DC



❖ Model No. PETC-CIGS48



Peak Power 48W
 Solar Cell CIGS, 16.5% efficiency
 Output DC 18V*2.47A&USB 5V*2.1A
 Open size 42.32*24*0.03inch
 Folding size 12*9.84*0.55inch
 Net weight 1.82LB
 Working Temperature -20°C~70°C
 Application All kinds of 5V/12V devices Smartphones/battery etc
 Output cable USB, DC



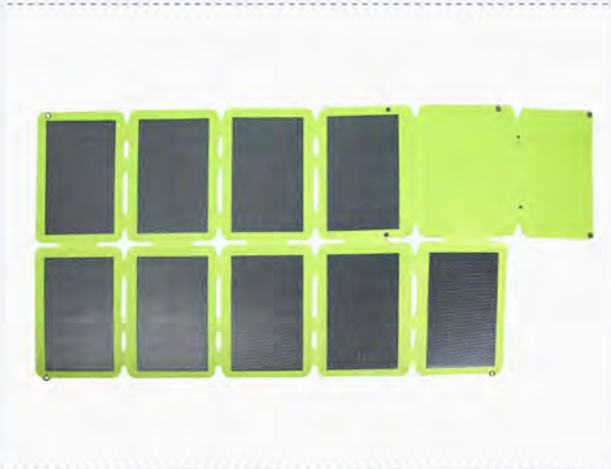
❖ Model No. PETC-CIGS100



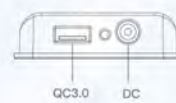
Peak Power 100W
 Solar Cell CIGS, 16.5% efficiency
 Output DC 18V*5.5A&USB 5V*2.4A
 Open size 70.98*20.47*0.11inch
 Folding size 15.74*20.47*1.37inch
 Net weight 8.6LB
 Working Temperature -20°C~70°C
 Application All kinds of 5V/12V devices Smartphones/battery etc
 Output cable USB, DC,XT60



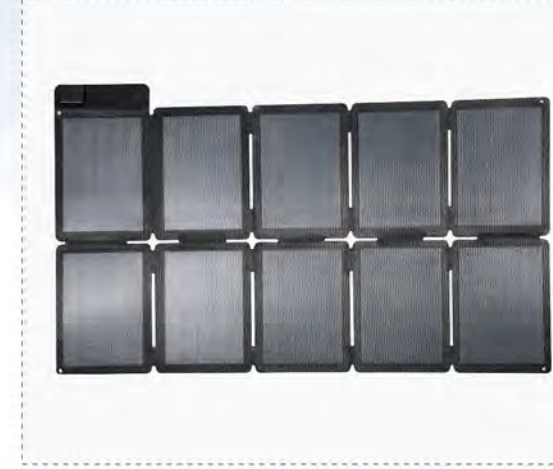
❖ Model No. PETC-CIGS60



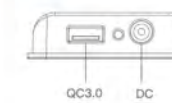
Peak Power 60W
 Solar Cell CIGS, 16.5% efficiency
 Output DC 18V*5.5A&USB 5V*2.4A(Max)
 Open size 54.33*22.44*0.78inch
 Folding size 11.41*9.05*1.96inch
 Net weight 3.52LB
 Working Temperature -20°C~70°C
 Application All kinds of 5V/12V devices Smartphones/battery etc
 Output cable USB, DC



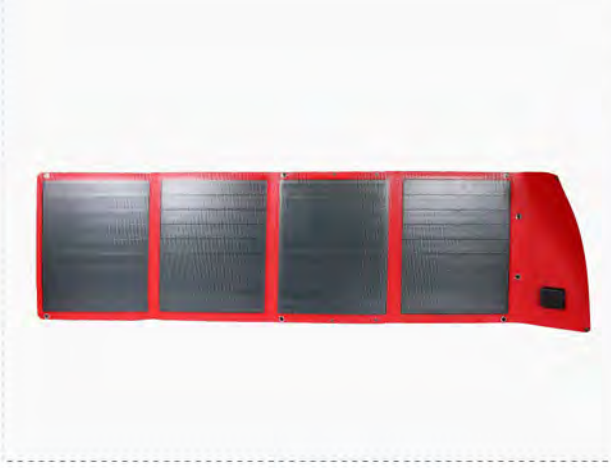
❖ Model No. PETC-CIGS100B



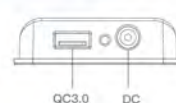
Peak Power 100W
 Solar Cell CIGS, 16.5% efficiency
 Output DC 18V*5.5A USB 5V*2.4A
 Open size 52.99*31.65*0.09inch
 Folding size 17.32*10.63*1.57inch
 Net weight 5.07LB
 Working Temperature -20°C~70°C
 Application All kinds of 5V/12V devices Smartphones/battery etc
 Output cable USB, DC



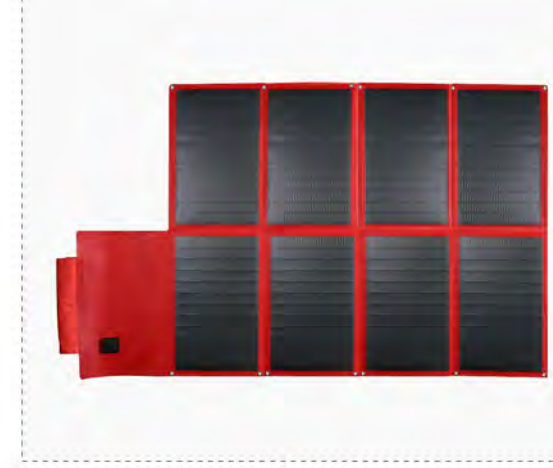
❖ Model No. PETC-CIGS72



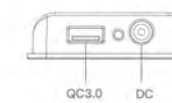
Peak Power 72W
 Solar Cell CIGS, 16.5% efficiency
 Output DC 18V*4A&USB 5V*2.4A
 Open size 55.5*44.4*0.03inch
 Folding size 22.2*14.56*1.18inch
 Net weight 1.88LB
 Working Temperature -20°C~70°C
 Application All kinds of 5V/12V devices Smartphones/battery etc
 Output cable USB, DC



❖ Model No. PETC-CIGS145



Peak Power 145W
 Solar Cell CIGS, 16.5% efficiency
 Output DC 18V*8.1A&USB 5V*2.1A
 Open size 65.47*35.05*0.11inch
 Folding size 17.55*14.62*0.78inch
 Net weight 7.05LB
 Working Temperature -20°C~70°C
 Application All kinds of 5V/12V devices Smartphones/battery etc
 Output cable USB, DC



☰ PETC-H10-P 10W MULTIFUNCTIONAL SOLAR CHARGER



Peak Power	10W / 20W / 30W (Customizable)
Solar Cell	SUNPOWER, 23.5% efficiency
Battery Capacity	10000mAh Li-Polymer
Charging Options	By USB or by Wireless Charging Pad
Input	Micro USB / Solar Power
Output	QC 3.0 USB 5V*2.1A/2.5A(Max) or by Wireless Charging Mode
Open size	20.4 x 6.85 x 0.82 (inch)
Folding size	3.74 x 6.85 x 1.49 (inch)
Material	PET+EVA+ Sunpower Solar Cell+ TPT+ Waterproof fabric+10000mah Li-polymer battery
Net weight	1.38LB



Key Specifications/Special Features

Multifunctional Solar Charger 10000mAh Solar Power Bank Wireless Battery Charger for travelling!

1.High capacity solar power bank:

Built-in 10000mAh high capacity polymer battery equipped with 4 high efficiency 18W SUNPOWER solar panels, which could recharge the battery itself under sunlight, eco-friendly and ideal for outdoor use. (The solar panels are foldable, very portable to carry with), and also it was built in a unique wireless charging pad, just put your devices on the pad and it start to charge, easy and simple, no worries when you are forgotten your charging cables.

2. Charging options:

You can charge the solar charger by included micro USB cable or put the solar panel charger in direct sunlight to charge.

3.Dual USB charging ports:

2*2.5A(max) USB Output allow you to fast charge two devices simultaneously, work with all iPhone/iPad/Tablets, or other cellphones and electronic devices. Build-in smart IC chip for each USB port, automatically identify access device to provide the optimum current, protect the device from overcharging, overheating, short circuit.

4. Specifically designed for outdoor camping:

Flashlight function provides you light in the dark. Water/dust-proof and shock resistant function ensures you sustainable power during your outdoor venture. Rugged material make this item a durable and reliable company.

5. For your safety, power bank provides:

multi-protections to protect itself from overload, overvoltage, overcurrent, overcharge, over-discharge and over-heating.

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☰ CHARGER AND OUTDOOR PRODUCTS ☰

✦ 10W WIRELESS CHARGER



Product	Ultra Thin Wireless Charger
Product Model	WX-001
Input	5V*1.0A 9V*1.1A
Output Power	10W(MAX)
Input Interface	Micro USB
Product Size	3.3*4.25 *0.24inch
Net weight	0.22LB
Working Temperature	-10°C~70°C
Inspection Standard	GB4943-2018



✦ WIRELESS CHARGER HUB



Product	Wireless Charger HUB
Input	100~240V/50/60Hz/1.5A Max
Output (USB-C)	5V/3A,9V/3A,12V/2.5A,15V/2A,20V/1.5A
Output (USB-A*3)	Total 5V/4A Max (2.4A Max each port)
Wireless Power	10W
Product Size	3.3*6.4*(1.18 / 0.24) inch
Net weight	0.65LB
Working Temperature	-10°C~70°C
Inspection Standard	GB4943-2018



✦ 45W TYPE-C Home Charger



Peak Power	45W
Fast charge	TYPE C PD QC2.0 QC3.0
Input	100-240Vac 50*60Hz *1.25A
Output	5V*3.0A&9V*3.0A &2V*3.0A&15V*3.0A&20V*2.25A
Size	1.77*1.77*0.39inch
Net weight	0.24LB
Working Temperature	-20°C~70°C
Application	Thunderbolt 3 ports USB C Power Adapter & Power Delivery Supply for Any Type C Laptop, Tablet, Cellphone



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≡ CHARGER AND OUTDOOR PRODUCTS



Product Model	Solar Led Light
Solar Input	5V*0.4A
Led Lumens	550
Led Power	5W
Solar Panel	2W
Operating Voltage	5V
Color temperature	7500K
Longest duration	14 Hours
Product Size	4.09*6.18*1.02inch
Net Weight	0.54lb



Selling Point

The high-brightness, lightweight LED lights is designed for outdoor travel camping. It is suitable for emergency use in any outdoor occasion or after a power outage. 2W of solar energy can be quickly charged under solar energy, with a total of 5W with 12 high-brightness LED wicks, a variety of application lamp modes, for outdoor camping multi-occupation, long use time up to 14 hours, IPX5 grade waterproof design, no need worried about outdoor splashing water and damage.



CHARGER AND OUTDOOR PRODUCTS ≡

✧ CIGS Rollable Solar Charger



Peak Power	10W
Solar Cell	CIGS, 16.5% efficiency
Output	5V*0.5A
Open size	21.46*9.92*2.55inch
Folding size	9.92*2.55inch
Net weight	0.88LB
Working Temperature	-20°C~70°C
Application	All kinds of 5V devices Smartphones/battery etc



✧ Solar LED Sensor Light



Peak Power	2.5W
Solar Cell	SUNPOWER, 23.5% efficiency
Output	5V*0.5A
LIGHT POWER	16W(32* 0.5W LED)
Size	8.26*3.74*0.78inch
Net weight	0.26LB
Working Temperature	-20°C~70°C
Application	Indoor and outdoor human body induction lamp equipment



❖ LED Light Solar Charger



Product	LED LIGHT SOLAR CHARGER
Battery Capacity	10000mAh
Solar panel	5V*0.24A
Input	5V*2A
Output	5V*2.1A 5V*2.1A
Luminance	100-110LM
Flashing	1Hz
Led light	1W*2
CCT	5700-6300K

CE FC RoHS

❖ Model No. CAM-005



Peak Power	5W
Solar Cell	MONO, 19.5% efficiency
Output	5V*1A
Product type	Power supply system
Size	7.87*4.33*0.39inch
Net weight	0.37LB
Working Temperature	-20°C~70°C
Application	Indoor and outdoor human body induction lamp equipment

CE FC RoHS

❖ Model No. CAM-006



Peak Power	6W
Solar Cell	MONO, 19.5% efficiency
Output	5V*1.2A
Product type	Power supply system
Size	10.43*7.28*0.78inch
Net weight	0.57LB
Working Temperature	-20°C~70°C
Application	Surveillance camera and outdoor lighting power supply system

CE FC RoHS

❖ SOLAR POWER BANK-001



TYPE-C Input	5V*2A 9V*2A
TYPE-C Output	5V*2A 9V*2A 12V*1.5A
USB QC3.0 Output	DC 5V*2A 9V*2A 12V*1.5A
Wireless Charger	DC 5V*1A(5W) 9V*1.1A(10W)
Input Interface	Micro USB
Total Output	18W (Max)
Net weight	0.5LB
Working Temperature	-10°C~70°C
Inspection Standard	GB4943-2018

CE FC RoHS

❖ Model No. CAM-004



Peak Power	6W
Solar Cell	24%~25% efficiency
Output	6V*0.66A
Product type	Power supply system
Size	9.84*5.31*0.11inch
Net weight	0.32LB
Working Temperature	-20°C~70°C
Application	Indoor and outdoor human body induction lamp equipment

CE FC RoHS

❖ Model No. CAM-008



Peak Power	8W
Solar Cell	MONO, 19.5% efficiency
Output	5V*1.6A
Product type	Power supply system
Size	13.91*7.28*0.78inch
Net weight	0.62LB
Working Temperature	-20°C~70°C
Application	Surveillance camera and outdoor lighting power supply system

CE FC RoHS

≡ FACTORY SCENE

※ SHOW ROOM



※ WAREHOUSE

