







Product Description

Sungold Hi-Power Series foldable Solar Panel is a high-efficiency, foldable solar panel that comes in a stylish and convenient carrying bag that can be easily carried with the help of the handle. It is suitable for high-power application scenarios such as off-grid home, RVs, commercial vehicles, boats, outdoor camping, and outdoor emergency situations.

Features



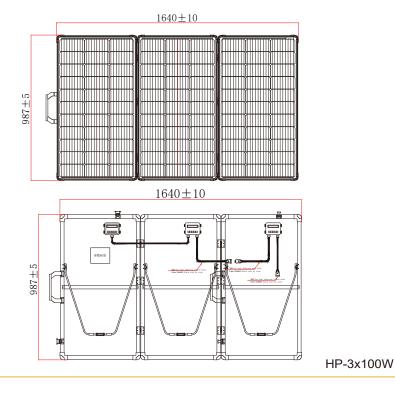


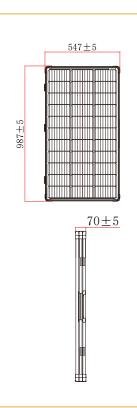












Product Parameters

Maximum power(Pmax) 2X100W 3X100W 4X100W Open-circuit voltage(Voc) 21.8V 21.8V 42.5V Voltage at Pmax(Vmp) 18.2V 18.2V 36.4V Short-circuit current(Isc) 12A 18A 12A Current at Pmax(Imp) 11A 16.5A 11A Unfold size 1095*987*25mm 1640*987*25mm 2188*987*25mm Folded size 987*547*50mm 987*547*70mm 987*547*90mm Weight 6.15kg 9.5kg 12.4kg The maximum system voltage 100VDC(IEC) 200VDC(IEC) Operating temperature -20~70°C 22.62% Solar cell Monocrystalline (166*166mm) Power temperature coefficient Power temperature coefficient -0.42%/°C -0.32%/°C Current temperature coefficient -0.32%/°C -0.04%/°C Output power tolerance ±5% Border material Aluminum frame Connector 30A Anderson Junction box				
Voltage at Pmax(Vmp) 18.2V 18.2V 36.4V Short-circuit current(Isc) 12A 18A 12A Current at Pmax(Imp) 11A 16.5A 11A Unfold size 1095*987*25mm 1640*987*25mm 2188*987*25mm Folded size 987*547*50mm 987*547*70mm 987*547*90mm Weight 6.15kg 9.5kg 12.4kg The maximum system voltage 100VDC(IEC) 200VDC(IEC) Operating temperature -20~70°C Cells efficiency(%) 22.62% Solar cell Monocrystalline (166*166mm) Power temperature coefficient -0.42%/°C Voltage temperature coefficient 0.04%/°C Current temperature coefficient 0.04%/°C Output power tolerance ±5% Border material Aluminum frame Connector 30A Anderson	Maximum power(Pmax)	2X100W	3X100W	4X100W
Short-circuit current(Isc) 12A 18A 12A Current at Pmax(Imp) 11A 16.5A 11A Unfold size 1095*987*25mm 1640*987*25mm 2188*987*25mm Folded size 987*547*50mm 987*547*70mm 987*547*90mm Weight 6.15kg 9.5kg 12.4kg The maximum system voltage 100VDC(IEC) 200VDC(IEC) Operating temperature -20-70°C Cells efficiency(%) 22.62% Solar cell Monocrystalline (166*166mm) Power temperature coefficient -0.42%/°C Voltage temperature coefficient -0.32%/°C Current temperature coefficient 0.04%/°C Output power tolerance ±5% Border material Aluminum frame Connector 30A Anderson	Open-circuit voltage(Voc)	21.8V	21.8V	42.5V
Current at Pmax(Imp) 11A 16.5A 11A Unfold size 1095*987*25mm 1640*987*25mm 2188*987*25mm Folded size 987*547*50mm 987*547*70mm 987*547*90mm Weight 6.15kg 9.5kg 12.4kg The maximum system voltage 100VDC(IEC) 200VDC(IEC) Operating temperature -20~70°C Cells efficiency(%) 22.62% Solar cell Monocrystalline (166*166mm) Power temperature coefficient -0.42%/°C Voltage temperature coefficient -0.32%/°C Current temperature coefficient 0.04%/°C Output power tolerance ±5% Border material Aluminum frame Connector 30A Anderson	Voltage at Pmax(Vmp)	18.2V	18.2V	36.4V
Unfold size 1095*987*25mm 1640*987*25mm 2188*987*25mm Folded size 987*547*50mm 987*547*70mm 987*547*90mm Weight 6.15kg 9.5kg 12.4kg The maximum system voltage 100VDC(IEC) 200VDC(IEC) Operating temperature -20~70°C Cells efficiency(%) 22.62% Solar cell Monocrystalline (166*166mm) Power temperature coefficient -0.42%/°C Voltage temperature coefficient -0.32%/°C Current temperature coefficient 0.04%/°C Output power tolerance ±5% Border material Aluminum frame Connector 30A Anderson	Short-circuit current(Isc)	12A	18A	12A
Folded size 987*547*50mm 987*547*70mm 987*547*90mm Weight 6.15kg 9.5kg 12.4kg The maximum system voltage 100VDC(IEC) 200VDC(IEC) Operating temperature -20~70°C Cells efficiency(%) 22.62% Solar cell Monocrystalline (166*166mm) Power temperature coefficient -0.42%/°C Voltage temperature coefficient 0.04%/°C Current temperature coefficient 0.04%/°C Output power tolerance ±5% Border material Aluminum frame Connector 30A Anderson	Current at Pmax(Imp)	11A	16.5A	11A
Weight 6.15kg 9.5kg 12.4kg The maximum system voltage 100VDC(IEC) 200VDC(IEC) Operating temperature -20~70℃ Cells efficiency(%) 22.62% Solar cell Monocrystalline (166*166mm) Power temperature coefficient -0.42%/℃ Voltage temperature coefficient 0.04%/℃ Current temperature coefficient 0.04%/℃ Output power tolerance ±5% Border material Aluminum frame Connector 30A Anderson	Unfold size	1095*987*25mm	1640*987*25mm	2188*987*25mm
The maximum system voltage Operating temperature Cells efficiency(%) Solar cell Monocrystalline (166*166mm) Power temperature coefficient Voltage temperature coefficient Current temperature coefficient Output power tolerance Border material Aluminum frame Connector 200VDC(IEC) 200VDC(IEC) 200VDC(IEC) 200VDC(IEC) 200VDC(IEC)	Folded size	987*547*50mm	987*547*70mm	987*547*90mm
Operating temperature -20~70°C Cells efficiency(%) Solar cell Monocrystalline (166*166mm) Power temperature coefficient -0.42%/°C Voltage temperature coefficient -0.32%/°C Current temperature coefficient 0.04%/°C Output power tolerance ±5% Border material Aluminum frame Connector 30A Anderson	Weight	6.15kg	9.5kg	12.4kg
Cells efficiency(%) Solar cell Monocrystalline (166*166mm) Power temperature coefficient -0.42%/°C Voltage temperature coefficient -0.32%/°C Current temperature coefficient 0.04%/°C Output power tolerance ±5% Border material Aluminum frame Connector 30A Anderson	The maximum system voltage	100VDC(IEC) 200VDC(IEC)		200VDC(IEC)
Solar cell Monocrystalline (166*166mm) Power temperature coefficient -0.42%/°C Voltage temperature coefficient -0.32%/°C Current temperature coefficient 0.04%/°C Output power tolerance ±5% Border material Aluminum frame Connector 30A Anderson	Operating temperature	-20~70℃		
Power temperature coefficient Voltage temperature coefficient -0.32%/°C Current temperature coefficient 0.04%/°C Output power tolerance ±5% Border material Aluminum frame Connector 30A Anderson	Cells efficiency(%)	22.62%		
Voltage temperature coefficient -0.32%/℃ Current temperature coefficient 0.04%/℃ Output power tolerance ±5% Border material Aluminum frame Connector 30A Anderson	Solar cell	Monocrystalline (166*166mm)		
Current temperature coefficient 0.04%/°C Output power tolerance ±5% Border material Aluminum frame Connector 30A Anderson	Power temperature coefficient	-0.42%/°C		
Output power tolerance ±5% Border material Aluminum frame Connector 30A Anderson	Voltage temperature coefficient	-0.32%/°C		
Border material Aluminum frame Connector 30A Anderson	Current temperature coefficient	0.04%/°C		
Connector 30A Anderson	Output power tolerance	±5%		
	Border material	Aluminum frame		
Junction box PV-HX026A/ PV-HX026B	Connector	30A Anderson		
	Junction box	PV-HX026A/ PV-HX026B		

^{*}SUNGOLD offer customize service, please refer to our website or ask SUNGOLD workers for more sizes and the latest parameters.