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Solar Panel Guide Specification Data Sheet

**Yuhuan Sunpro Power Co., Ltd.
FOLDABLE SOLAR PANEL
SPFS-F2-100W**

Also available on the web at
EnergyPal.com/yuhuan-sunpro-power-co-ltd-solar-panels/spfs-f2-100w



Easy to carry and store

SUNPRO FOLDABLE SOLAR PANEL





SUNPRO TWO FOLDS SOLAR PANEL



SUNPRO TWO FOLDS ALL BLACK SOLAT PANEL

Photovoltaic Modules

Folding Module	SPFS-F2-80W	SPFS - F2-100W	SPFS - F2-120W	SPFS - F2-140W	SPFS - F2-160W
Encapsulation	Glass/EVA/Cell/EVA/Backsheet				
Maximum Power Pmax	80W	100W	120W	140W	160W
Maximum Power Voltage (Vmp)	18V	18V	18V	18V	18V
Maximum Power Current (Imp)	4.44A	5.56A	6.67A	7.78A	8.89A
Open Circuit Voltage (Voc)	21.24V	21.24V	21.24V	21.24V	21.24V
Short Circuit Current (Isc)	4.89A	6.11A	7.33A	8.56A	9.78A
Cell Efficiency	18.0%	18.0%	18.0%	18.0%	18.0%
Dimension	668x1000x30mm	640x1100x30mm	668x1310x30mm	770x1336x30mm	905x1336x30mm
Dimension when folded	668x500x70mm	640x546x70mm	668x655x70mm	770x668x70mm	905x668x70mm
Weight	11kg	12kg	13.8kg	15.6kg	17.8kg
Tolerance	±3%				
Max System Open Circuit Voltage	1000V				
Controller	PMW/MPPT				
Operate Temperature Range	-40℃ to +85℃				
Relative Humidity	0~100%				

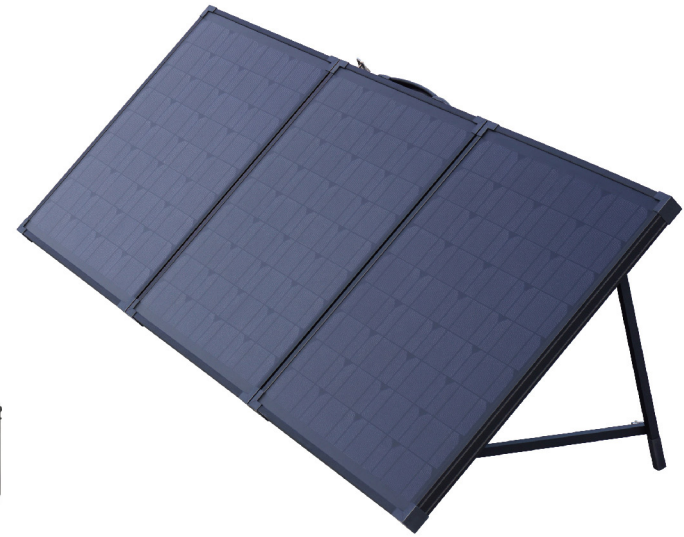
Description

1. PMW controller x1
2. 5 meter cable with Anderson or MC4 connector x1
3. 30cm cable of alligator clip with Anderson connector x1
4. Carry bag x1
5. User Manual x1





SUNPRO THREE FOLDS SOLAR PANEL



SUNPRO THREE FOLDS ALL BLACK SOLAR PANEL

Photovoltaic Modules

Folding Module	SPFS-F3-150W	SPFS-F3-180W	SPFS-F3-240W
Encapsulation	Glass/EVA/Cell/EVA/Backsheet		
Maximum Power Pmax	150W	180W	240W
Maximum Power Voltage (Vmp)	18V	18V	18V
Maximum Power Current (Imp)	8.33A	10.00A	13.33A
Open Circuit Voltage (Voc)	21.24V	21.24V	21.24V
Short Circuit Current (Isc)	9.17A	11.00A	14.67A
Cell Efficiency	18.0%	18.0%	18.0%
Dimension	668x1770x30mm	668x1965x30mm	905x2004x30mm
Dimension when folded	668x590x70mm	668x655x70mm	905x668x70mm
Weight	16.3kg	19kg	25kg
Tolerance	±3%		
Max System Open Circuit Voltage	1000V		
Controller	PMW/MPPT		
Operate Temperature Range	-40℃ to +85℃		
Relative Humidity	0~100%		

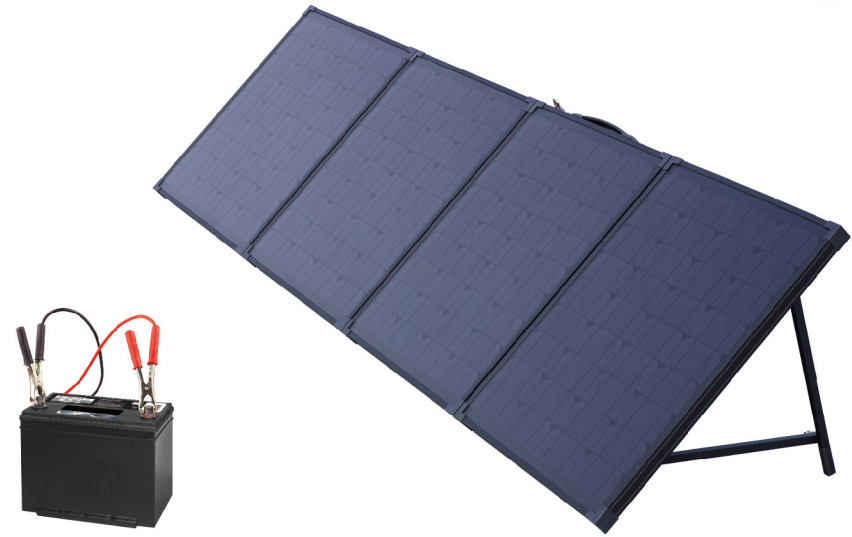
Description

1. PMW controller x1
2. 5 meter cable with Anderson or MC4 connector x1
3. 30cm cable of alligator clip with Anderson connector x1
4. Carry bag x1
5. User Manual x1





SUNPRO FOUR FOLDS SOLAR PANEL



SUNPRO FOUR FOLDS ALL BLACK SOLAR PANEL

Photovoltaic Modules

Folding Module	SPFS-F4-200W	SPFS-F4-240W	SPFS-F4-300W
Encapsulation	Glass/EVA/Cell/EVA/Backsheet		
Maximum Power Pmax	200W	240W	300W
Maximum Power Voltage (Vmp)	18V	18V	18V
Maximum Power Current (Imp)	11.11A	13.33A	16.67A
Open Circuit Voltage (Voc)	21.24V	21.24V	21.24V
Short Circuit Current (Isc)	12.22A	14.67A	18.33A
Cell Efficiency	18.0%	18.0%	18.0%
Dimension	668x2360x30mm	668x2620x30mm	770x2672x30mm
Dimension when folded	668x590x70mm	668x655x70mm	770x668x70mm
Weight	20.6kg	24.2kg	27.8kg
Tolerance	±3%		
Max System Open Circuit Voltage	1000V		
Controller	PMW/MPPT		
Operate Temperature Range	-40℃ to +85℃		
Relative Humidity	0~100%		

Description

1. PMW controller x1
2. 5 meter cable with Anderson or MC4 connector x1
3. 30cm cable of alligator clip with Anderson connector x1
4. Carry bag x1
5. User Manual x1

