

玉环尚博有限公司

YUHUAN SUNPRO POWER CO., LTD





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	21.24 V	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 C to +85 C				
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	PWM/MPPT		
Operate Temperature Range	-40 C to +85 C		
Relative Humidity	0~100%		

Description

1. PWM 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 C to +85 C		
Relative Humidity	0-100%		

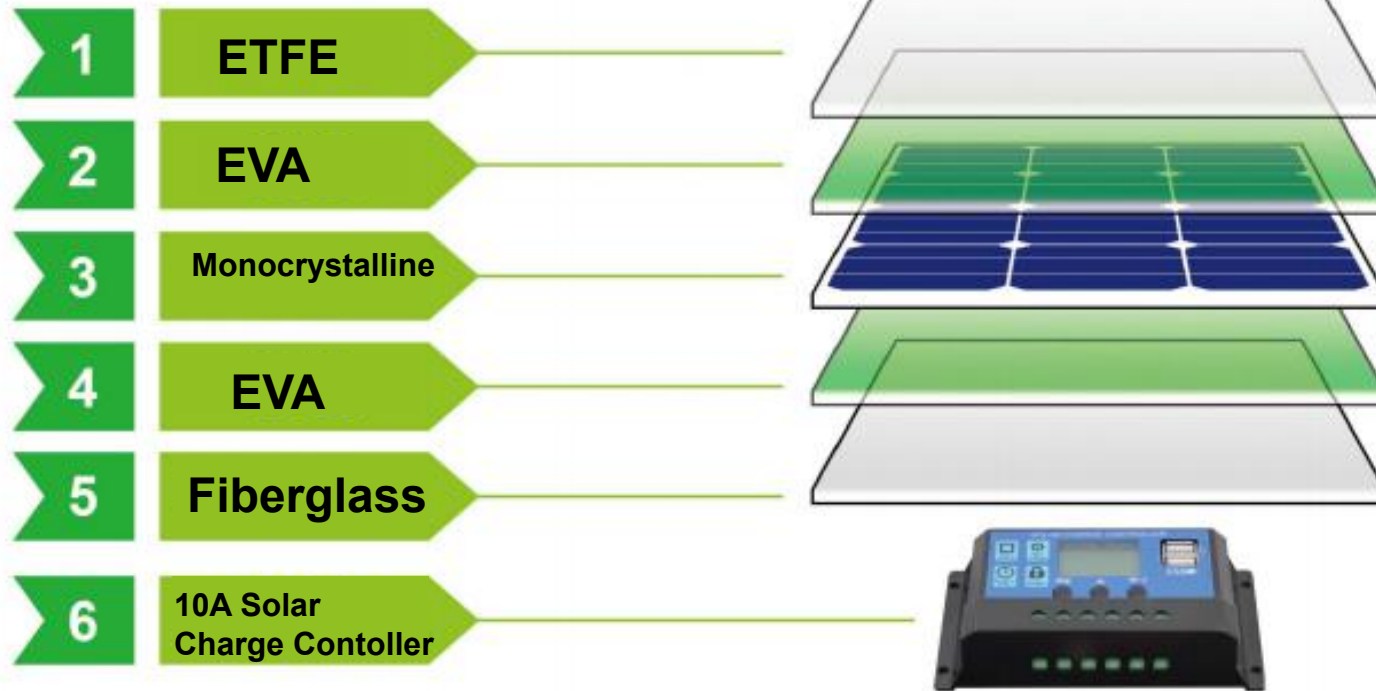
Description

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 ULTRA LIGHT SOLAR PANEL

Solar Panel Layer:







SUNPRO TWO FOLDS ULTRA LIGHT SOLAR PANEL

Folding Module	SPUL-F2-40W	SPUL-F2-60W	SPUL-F2-80W	SPUL-F2-120W	SPUL-F2-140W	SPUL-F2-160W
Encapsulation	ETFE/EVA/Cell/EVA/Fiberglass					
Maximum Power Pmax	40W	60W	80W	120W	140W	160W
Maximum Power Voltage (Vmp)	18V	18V	18V	18V	18V	18V
Maximum Power Current (Imp)	2.22A	3.33A	4.44A	6.67A	7.78A	8.89A
Open Circuit Voltage (Voc)	21.24V	21.24V	21.24V	21.24V	21.24V	21.24V
Short Circuit Current (Isc)	2.44A	3.67A	4.89A	7.33A	8.56A	9.78A
Cell Efficiency	18.0%	18.0%	18.0%	18.0%	18.0%	18.0%
Dimension	846x443x40mm	846x580x40mm	1046x548x40mm	1692x1160x40mm	1146x850x40mm	2086x550x40mm
Dimension when folded	430x443x55mm	430x580x55mm	530x548x55mm	860x1160x55mm	580x850x55mm	1050x550x55mm
Weight	1.6kg	2.2kg	2.8kg	4kg	4.6kg	5.2kg
Tolerance	±3%					
Max System Open Circuit Voltage	1000V					
Controller	PMW/MPPT					
Operate Temperature Range	-40 C to +85 C					
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 ULTRA LIGHT SOLAR PANEL

Folding Module	SPUL-F3-120W	SPUL-F3-150W	SPUL-F3-180W
Encapsulation	ETFE/EVA/Cell/EVA/Fiberglass		
Maximum Power Pmax	120W	150W	180W
Maximum Power Voltage (Vmp)	18V	18V	18V
Maximum Power Current (Imp)	6.67A	8.33A	10.00A
Open Circuit Voltage (Voc)	21.24V	21.24V	21.24V
Short Circuit Current (Isc)	7.33A	9.17A	11.00A
Cell Efficiency	18.0%	18.0%	18.0%
Dimension	1568x548x40mm	1676x646x40mm	2566x1160x40mm
Dimension when folded	530x548x55mm	560x646x55mm	860x1160x55mm
Weight	4.2kg	6.2kg	8.2kg
Tolerance		±3%	
Max System Open Circuit Voltage	1000V		
Controller	PWM/MPPT		
Operate Temperature Range	-40 C to +85 C		
Relative Humidity	0~100%		

Description

1. PWM 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 ULTRA LIGHT SOLAR PANEL

Folding Module	SPUL-F4-120W	SPUL-F4-160W	SPUL-F4-200W
Encapsulation	ETFE/EVA/Cell/EVA/Fiberglass		
Maximum Power Pmax	120W	160W	200W
Maximum Power Voltage (Vmp)	18V	18V	18V
Maximum Power Current (Imp)	6.67A	8.89A	11.11A
Open Circuit Voltage (Voc)	21.24V	21.24V	21.24V
Short Circuit Current (Isc)	7.33A	9.78A	12.22 A
Cell Efficiency	18.0%	18.0%	18.0%
Dimension	1706x580x40mm	2104x548x40mm	2258x646x40mm
Dimension when folded	430x580x55mm	530x548x55mm	560x646x55mm
Weight	4.2kg	5.6kg	7.8kg
Tolerance	±3%		
Max System Open Circuit Voltage	1000V		
Controller	PWM/MPPT		
Operate Temperature Range	-40 C to +85 C		
Relative Humidity	0~100%		

Description

1. PWM 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 FIVE FOLDS ULTRA LIGHT SOLAR PANEL

Folding Module	SPUL-F5-200W	SPUL-F5-250W	SPUL-F5-300W
Encapsulation	ETFE/EVA/Cell/EVA/Fiberglass		
Maximum Power Pmax	200W	250W	300W
Maximum Power Voltage (Vmp)	18V	18V	18V
Maximum Power Current (Imp)	11.11A	13.89A	16.67A
Open Circuit Voltage (Voc)	21.24V	21.24V	21.24V
Short Circuit Current (Isc)	12.22A	15.28A	18.33A
Cell Efficiency	18.0%	18.0%	18.0%
Dimension	2645x548x40mm	2800x646x40mm	4300x1160x40mm
Dimension when folded	530x548x55mm	560x646x55mm	860x1160x55mm
Weight	7kg	9.7kg	12.5kg
Tolerance	±3%		
Max System Open Circuit Voltage	1000V		
Controller	PWM/MPPT		
Operate Temperature Range	-40 C to +85 C		
Relative Humidity	0~100%		

Description

1. PWM 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 SOLAR BLANKET

Water proof, easy to carry and store



SUNPRO SOLAR BLANKET

Folding Module	SPSB-60W	SPSB-100W	SPSB-120W	SPSB-140W	SPSB-160W	SPSB-180W	SPSB-200W
Encapsulation	ETFE/EVA/Cell/EVA/Backsheet						
Maximum Power Pmax	60W	100W	120W	140W	160W	180W	200W
Maximum Power Voltage (Vmp)	18V	18V	18V	18V	18V	18V	18V
Maximum Power Current (Imp)	3.33A	5.56A	6.67A	7.78A	8.89A	10.00A	11.11A
Open Circuit Voltage (Voc)	21.24V	21.24V	21.24V	21.24 V	21.24 V	21.24V	21.24V
Short Circuit Current (Isc)	3.67A	6.11A	7.33A	8.56A	9.78A	11.00A	12.22A
Cell Efficiency	18.0%	18.0%	18.0%	18.0%	18.0%	18.0%	18.0%
Dimension	1373x600x18mm	1165x724x25mm	1308x846x25mm	1450x859x25mm	1688x846x25mm	1898x859x25mm	2108x872x25mm
Dimension when folded	310x200x90mm	380x330x50mm	427x380x50mm	447x407x60mm	427x380x60mm	447x407x60mm	467x434x60mm
Weight	2.4kg	3.5kg	4kg	4.5kg	5.1kg	5.7kg	6.3kg
Tolerance	±3%						
Max System Open Circuit Voltage	1000V						
Controller	PMW/MPPT						
Operate Temperature Range	-40 C to +85 C						
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





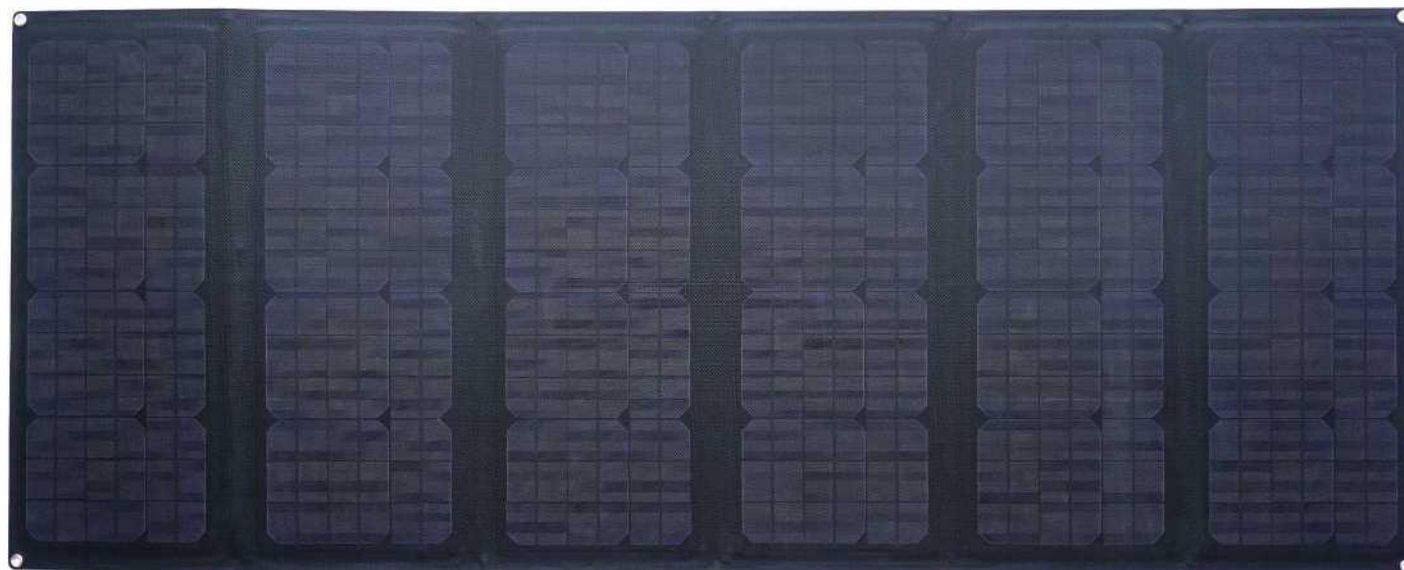
SUNPRO PORTABLE SOLAR CHARGER

Folding Module	SPSC-F2-7W	SPSC-F3-14W	SPSC-F4-28W
Encapsulation	ETFE/EVA/Cell/EVA/Fiberglass		
Solar Panel Power	7W	14W	28W
USB Output	5V/1.17A	5V/2.50A	5V/5.0A
Cell Efficiency	18.0%	18.0%	18.0%
Dimension	498x238x15mm	777x251x15mm	1020x260x15mm
Dimension when folded	163x238x24mm	197x251x28mm	210x260x32mm
Weight	0.25kg	0.42kg	0.79kg

Description

1. USB cable x1
2. User Manual x1





SUNPRO ALL LAMINATED SOLAR PANEL

Folding Module	SPAL-25W	SPAL-38W	SPAL-63W	SPAL-150W
Encapsulation	ETFE/EVA/Cell/EVA/Backsheet			
Maximum Power Pmax	25W	38W	63W	150W
Maximum Power Voltage (Vmp)	18V	18V	18V	18V
Maximum Power Current (Imp)	1.39A	2.11A	3.50A	8.33A
Open Circuit Voltage (Voc)	21.24V	21.24V	21.24V	21.24V
Short Circuit Current (Isc)	1.53A	2.32A	3.85A	9.17A
Cell Efficiency	18.0%	18.0%	18.0%	18.0%
Dimension	420x514x25mm	641x514x25mm	1094x514x25mm	1809x722x25mm
Dimension when folded	210x514x25mm	215x514x30mm	220x514x40mm	300x722x40mm
Weight	1.0kg	1.5kg	2.4kg	5.9kg
Tolerance	±3%			
Max System Open Circuit Voltage	1000V			
Controller	PMW/MPPT			
Operate Temperature Range	-40 C to +85 C			
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



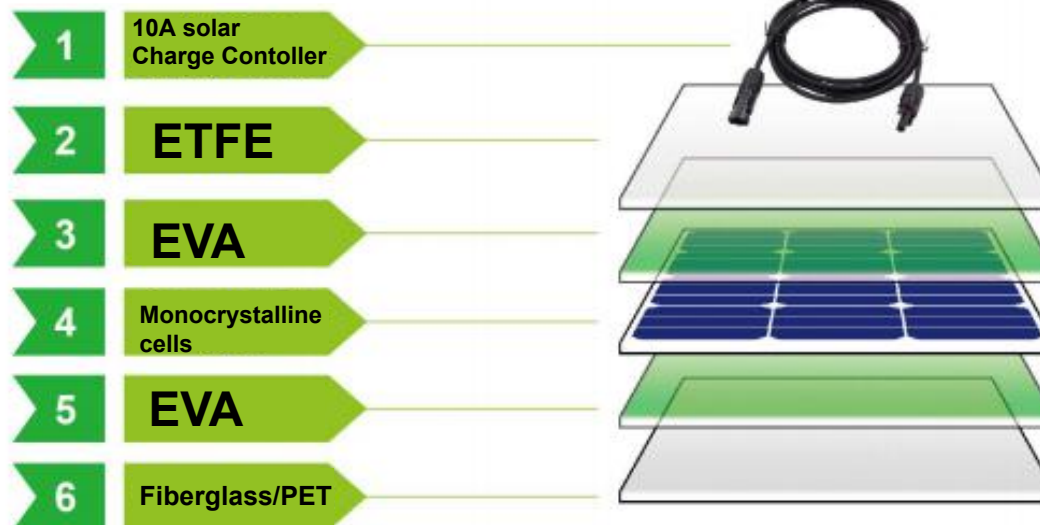


SUNPRO SEMI-FLEXIBLE SOLAR PANEL





Solar Panel Layer:



SUNPRO SEMI-FLEXIBLE SOLAR PANEL

Folding Module	SPSF-20W	SPSF-30W	SPSF-50W	SPSF-75W	SPSF-100W	SPSF-120W	SPSF-160W
Encapsulation	ETFE/EVA/Cell/EVA/Backsheet (PET or Fiberglass)						
Maximum Power Pmax	20W	30W	50W	75W	100W	120W	160W
Maximum Power Voltage (Vmp)	18V	18V	18V	18V	18V	18V	18V
Maximum Power Current (Imp)	1.11A	1.67A	2.78A	4.17A	5.56A	6.67A	8.89A
Open Circuit Voltage (Voc)	21.24V	21.24V	21.24V	21.24 V	21.24V	21.24V	21.24V
Short Circuit Current (Isc)	1.22A	1.83A	3.06A	4.58A	6.11A	7.33A	9.78A
Cell Efficiency	18.0%	18.0%	18.0%	18.0%	18.0%	18.0%	18.0%
Dimension	600x300x2.5mm	615x440x2.5mm	880x440x2.5mm	1070x515x2.5mm	1240x550X2.5mm	1160x670x2.5mm	1500x670x2.5mm
Weight	0.7kg	1.0kg	1.4kg	2.0kg	2.6kg	3.0kg	3.8kg
Tolerance	±3%						
Max System Open Circuit Voltage	1000V						
Controller	PMW/MPPT						
Operate Temperature Range	-40 C to +85 C						
Relative Humidity	0-100%						

Description

1. User Manual x1