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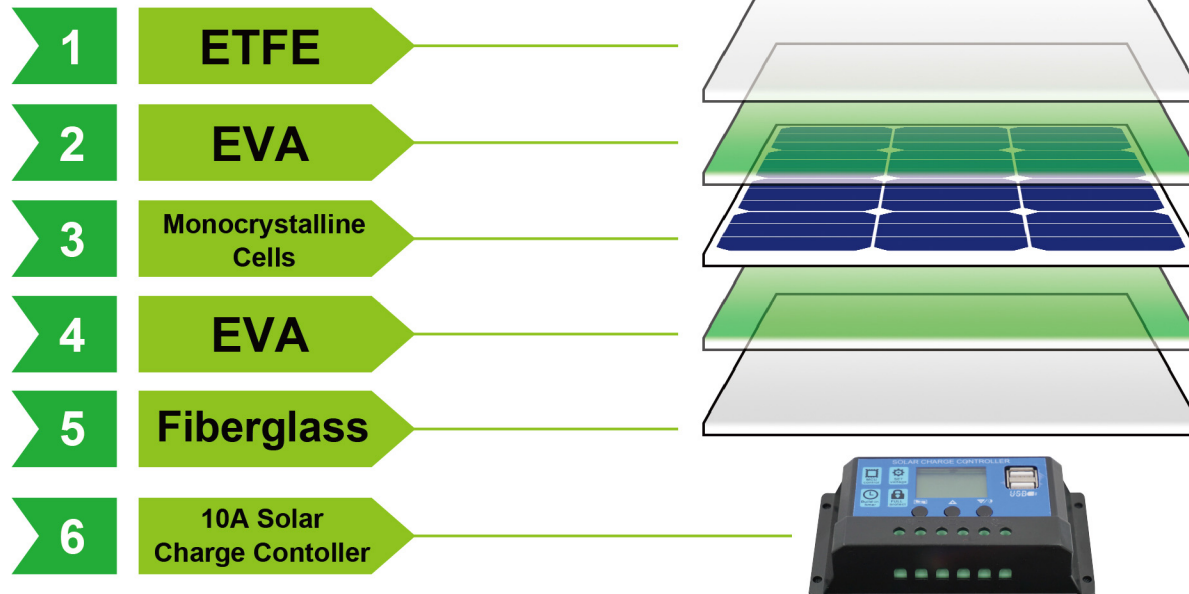
Solar Panel Guide Specification Data Sheet

**Yuhuan Sunpro Power Co., Ltd.
ULTRA LIGHT SOLAR PANEL
SPUL-F2-40W**

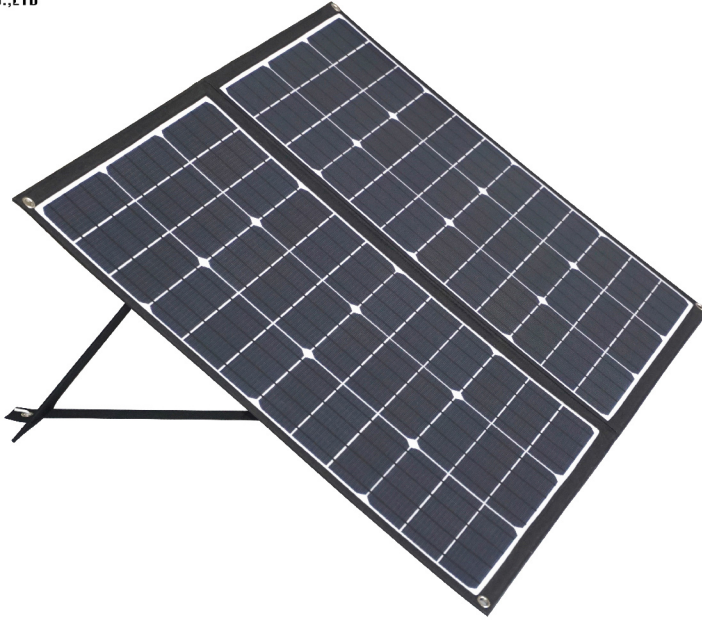
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SUNPRO ULTRA LIGHT SOLAR PANEL

Solar Panel Layer:





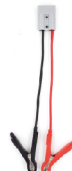


SUNPRO TWO FOLDS ULTRA LIGHT SOLAR PANEL

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





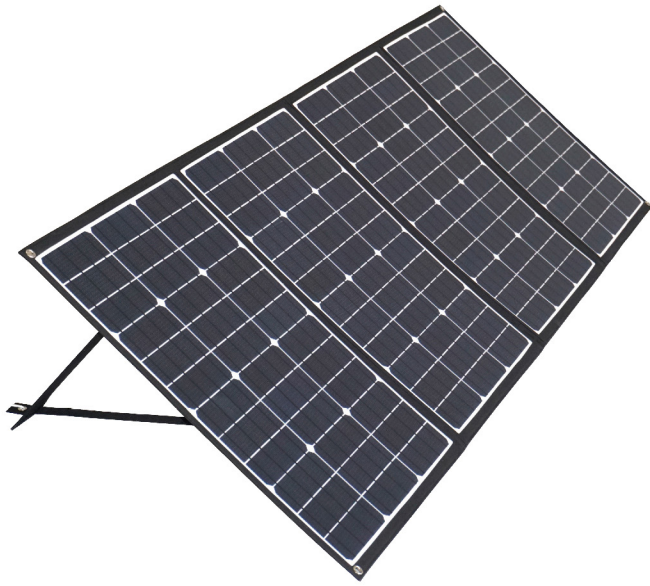
SUNPRO THREE FOLDS ULTRA LIGHT SOLAR PANEL

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	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 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	12.22A
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	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 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		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

