

# SMALL | CUSTOM POLY CRYSTALLINE SOLAR PANEL

30W | 50W | 60W | 80W



## TECHNICAL PARAMETERS (STC\*)

Rated Power	30W	50W	60W	80W
Maximum system voltage	1000Vdc			
Rated voltage V <sub>mpp</sub> (V)	18.36	17.30	21.40	19.30
Rated current I <sub>mp</sub> (A)	1.64	2.90	2.81	4.15
Open circuit voltage (V <sub>oc</sub> )	21.70	20.30	25.10	22.80
Short circuit current (I <sub>sc</sub> )	1.87	3.25	3.13	4.64
Conversion efficiency	17.5% ~ 18.5%			
Operating temperature	-40°C ~ +85°C			
Maximum load capacity	5400pa			

## MECHANICAL DATA

Cell layout	2H-F	48-T	40-T	49-H
Dimensions	645*350*25mm	670*485*30mm	670*595*30mm	775*670*30mm
Cable	Optional / Customizable length			
Connector	MC4 compatible			
Frame	Anodized Aluminium Alloy			
Glass type	Low iron   Tempered   3.2mm thickness			
Junction box	IP65 or IP67   customized			
Weight	2 kg	3.5 kg	4 kg	5 kg

## WARRANTY

Warranty	18-month
Designed lifespan	>15-year



Compact size,  
easy carrying and handling



Comply with safety  
requirements yet greater  
flexibility.



0 ~ +5% positive  
power output tolerance.



Extremely suitable for  
outdoor lighting and off-  
grid solar systems.

