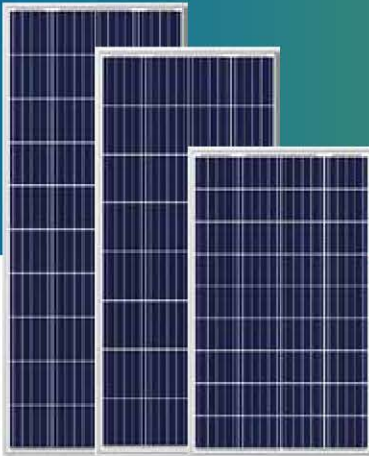


SMALL | CUSTOM POLY CRYSTALLINE SOLAR PANEL

100W | 120W | 140W | 160W | 180W



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.

TECHNICAL PARAMETERS (STC*)

Rated Power	100W	120W	140W	160W	180W
Maximum system voltage	1000Vdc				
Rated voltage V _{mpp} (V)	19.15	21.50	17.10	19.35	21.50
Rated current I _{mp} (A)	5.23	5.59	8.19	8.27	8.37
Open circuit voltage (V _{oc})	22.50	25.30	20.10	22.80	25.30
Short circuit current (I _{sc})	5.87	6.24	9.05	9.15	9.25
Conversion efficiency	17.5% ~ 18.5%				
Operating temperature	-40°C ~ +85°C				
Maximum load capacity	5400pa				

MECHANICAL DATA

Cell layout	49-T2	40-T2	48-S	49-S	40-S
Dimensions	1010*670*35mm	1120*670*35mm	1330*670*35mm	1480*670*35mm	1640*670*35mm
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	8 kg	8.5 kg	10 kg	11.5 kg	12.5 kg

WARRANTY

Warranty	18-month
Designed lifespan	> 15-year

