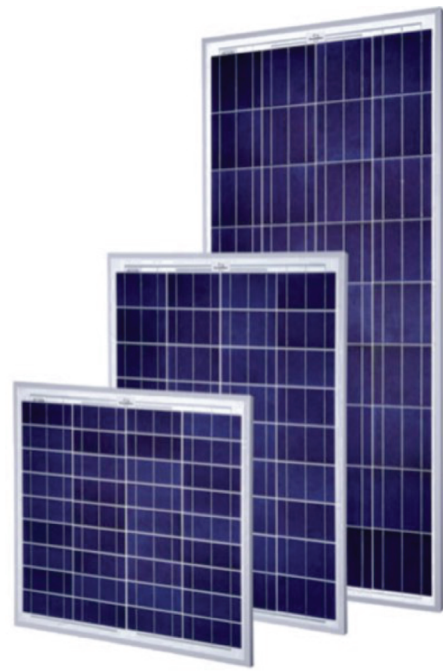


Solar Photovoltaic Modules

Solar Photovoltaic Modules

5Wp-325W



TECHNICAL DATA

Module Type	DS10	DS20	DS40	DS50	DS60	DS75	DS80	DS100	DS120	DS125	DS130	DS150
Peak Power Watts (Pmax)	10	20	40	50	60	75	80	100	120	125	130	150
Maximum Power Voltage (Vmp)	17.85	17.15	17.84	17.89	18.04	17.99	18.09	17.99	17.79	17.90	17.99	17.85
Maximum Power Current (Imp)	0.62	1.18	2.25	2.80	3.33	4.17	4.43	5.57	6.75	6.99	7.24	8.41
Open-circuit Voltage (Voc)	21.65	21.44	21.95	21.77	21.66	22.12	22.24	21.84	21.58	21.65	21.80	22.58
Short-circuit Current (Isc) (A)	0.69	1.27	2.44	3.04	3.67	4.49	4.76	6.11	7.36	7.60	7.79	8.70
Module Efficiency STC (%)	9.24	12.25	13.07	13.55	14.21	14.74	15.72	13.67	14.20	14.20	15.39	15.19
Operating Temperature (°C)	-40°C+85°C											
Maximum system Voltage	1000V DC (IEC)											
Maximum Series Fuse Rating	15A											

Temperature Characteristics (TC) and Permission Operating Conditions

Specification	Data
Tc of Open Circuit Voltage (B)	-0.35 ± 0.01% / °C
Tc of Short Circuit Current (a)	0.50 ± 0.02% / °C
Tc Power (Y)	-0.04 ± 0.02% / °C
Maximum System Voltage	1000 V (TUV)
NOCT	45°C ± 2°C
Temperature Range	-40°C to 85°C

Mechinal Data

Specification	Data									
Cell Arrangement	36Cells (9x4)									
Dimensions : Length (mm)	305	460	460	555	635	765	765	995	1155	1485
Dimensions : Width (mm)	335	355	666	665	665	665	665	665	665	665
Dimensions : Height (mm)	18	18	34	34	34	34	34	34	34	34
Weight	1.4Kg	2.8Kg	3.8Kg	4.6Kg	5.3Kg	6.8Kg	6.8Kg	7.5Kg	8.5Kg	10.6Kg
Mounting Hole to Hole Distance (mm)	NA		280	220	300	500			600	
Front Cover	3.2mm ARC Glass									
Frame Material	Anodized Aluminum Alloy									
Junction Box	IP 65 OR IP 67									
Product Warranty	5 Years									

Subject to errors and technical modifications within the scope of product improvement.