

SOLAR PV MODULE 12 Volt

Range - 40 Wp to 175 Wp

Salient Feature

- Superior Power Output with Positive Tolerance.
- Ideal for on/off grid application.
- Solar street light and lantern application.
- Rural Electrification.
- Excellent performance in low light.



ELECTRICAL CHARACTERISTICS (STC)											
Module Type	ASP175	ASP170	ASP165	ASP160	ASP125	ASP100	ASP80	ASP75	ASP60	ASP50	ASP40
Maximum Power (Pmax)	175	170	165	160	125	100	80	75	60	50	40
Maximum Voltage (Vmp)	19.54	19.26	19	18.7	18.88	18.87	18.86	18.7	18.61	18.46	18.28
Maximum Current (Imp)	8.96	8.83	8.72	8.6	6.65	5.32	4.27	4.03	3.25	2.72	2.21
Open Circuit Voltage (Voc)	23.55	23.31	23.15	22.94	22.6	22.6	22.6	22.6	22.6	22.6	22.6
Open Circuit Current (Isc)	9.34	9.24	9.15	9.06	7.25	5.78	4.27	4.15	3.5	2.9	2.5
Module Efficiency (%)	17.67	17.16	16.72	16.23	16.63	15.81	15.63	14.51	15.03	14.95	14.29
Module Dimension (mm)	1490*665*30			1135*665*30		955*665*30	775*665*30	775*665*30	605*665*30	505*665*30	425*665*30
Cell Size (mm)	157*157					118*157	98*157	78*157	78*157	59*157	48*157
	39*157										

Approvals and Certificates



IEC - 14286
IEC - 61215
IEC - 61701

IEC - 61730 (I)
IEC - 61730 (II)



9001 : 2015
14001 : 2015

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