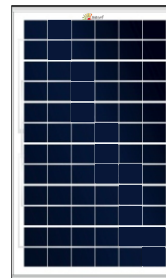
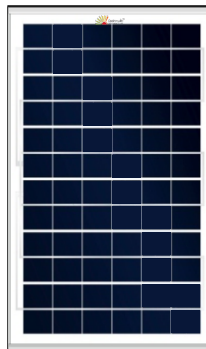
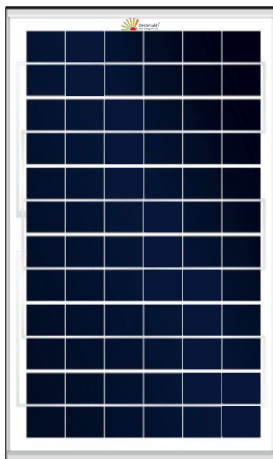


SOLAR PV MODULE - 110 W to 150 W

Technical Specifications					
Model Name	DS - 110	DS-120	DS -130	DS 140	DS-150
No of Cells	36 cells in series				
Pmp (Wp)	110	120	130	140	150
Voc (V)	21.0	21.0	21.0	21.0	21.5
Isc (I)	6.98	7.62	8.1	8.89	8.98
Vmp (V)	18.0	18.0	18.0	18.0	18.0
Imp(I)	6.12	6.67	7.23	7.78	8.34
Dimension (mm)	1195 x 670 x 35 mm	1195 x 670 x 35 mm	1480 x 670 x 35 mm	1480 x 670 x 35 mm	1480 x 670 x 35 mm
Weight (Kgs)	13.0	13.0	13.2	14.2	15.2
X- Pitch	622	622	622	622	622
Y-Pitch	597	597	740	740	740

All electrical parameters specified at Standard Test Conditions 25 degree C cell temperature 100m W/cm2 irradiance Air Mass(AM) 1.5



Operating Characteristics

Normal operating cell temperature	45.5°C
Temperature coefficient (Pmax)	-0.45 % / °C
Temperature coefficient (Voc)	-0.36 % / °C
Temperature coefficient (Isc)	-0.043 % / °C

Normal Operating Conditions

Operating module temperature	-40 °C to +85 °C
Maximum Voltage DC	DC 600V/1000V
Maximum load	5400 Pa
Application Classification (to IEC 61730)	A
Fire classification (to IEC 61730)	C

Certificates

Our modules have been tested by UL according to the Standards of IEC 61215 for design IEC 61701 (Salt mist corrosion test) performance and IEC 61730 (Safety class I & II) CE.

NOTE

Warranty : Up to 10 years Limited Extended Warranty.

Refer to DSEPL warranty document for detail warranty terms and conditions.

Due to constant product Improvement DSEPL reserve the right to amend the above specifications without prior notice.