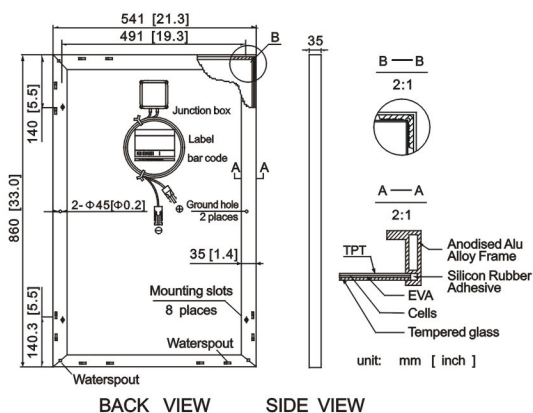
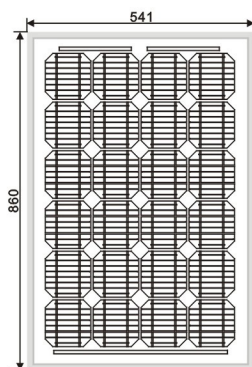
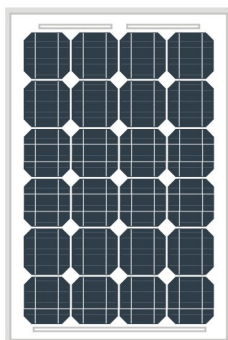


PLM-050 SERIES

Monocrystalline Silicon Solar Modules

High-efficiency photovoltaic module using silicon nitride coated monocrystalline silicon cells.



Electric Characteristics

Model	PLM-045/12	PLM-050/12	PLM-055/12	PLM-060/12
Pm	45	50	55	60
Vmp	16.6	17.1	17.9	18.4
Imp	2.72	2.92	3.09	3.27
Voc	21.5	21.7	22.0	22.2
Isc	3.02	3.26	3.41	3.54
Maximum system voltage	715VDC	715VDC	715VDC	715VDC

STC: Irradiance 1000W/m², Temperature 25°C, AM=1.5

Mechanical Characteristics

Cells Size(mm)	125×83.3
Modules Size(mm)	860×541×35
No. of cells	72(4×18)
Weight (KG)	6
No. of Mounting Holes	4
No. of Waterspout	16

Temperature Coefficient

NOCT	47°C±2°C
Temperature coefficient of Isc	0.03%/°C
Temperature coefficient of Voc	-0.333%/°C
Temperature coefficient of Pmax	-0.459%/°C
Power Tolerance	±3%