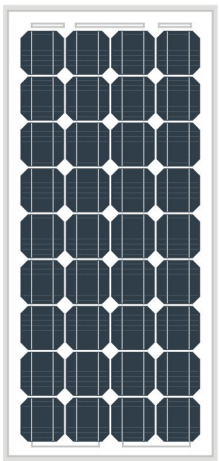
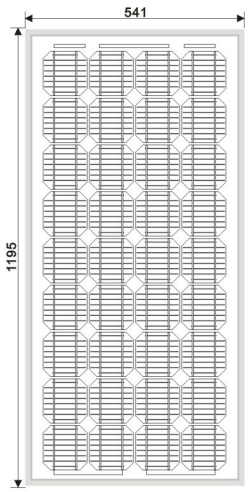
PERLIGHT

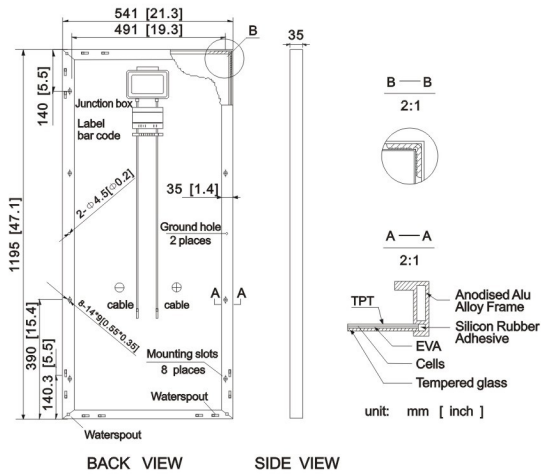
PLM-080 SERIES

Monocrystalline Silicon Solar Modules

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







Mechanical Characteristics

Cells Size(mm)	125×125
Modules Size(mm)	1195×541×35
No. of cells	36(4×9)
Weight (KG)	7.5
No. of Mounting Holes	8
No.of Waterspout	16

Temperature Coefficien

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

Electric Characteristics

Model	PLM-065/12	PLM-070/12	PLM-075/12	PLM-080/12	PLM-085/12	PLM-090/12
Pm	65	70	75	80	85	90
Vmp	16.3	17.0	17.1	17.5	18.0	18.4
Imp	4.00	4.11	4.38	4.56	4.73	4.90
Voc	21.5	21.7	21.7	21.9	22.0	22.2
Isc	4.40	4.70	4.89	5.07	5.21	5.30
Maximum system voltage	715VDC	715VDC	715VDC	715VDC	715VDC	715VDC

STC: Irradiance 1000W/m^2, Temperature 25℃, AM=1.5

PERLIGHT SOLAR E-mail:info@perlightsolar.com.cn http://www.perlightsolar.com.cn