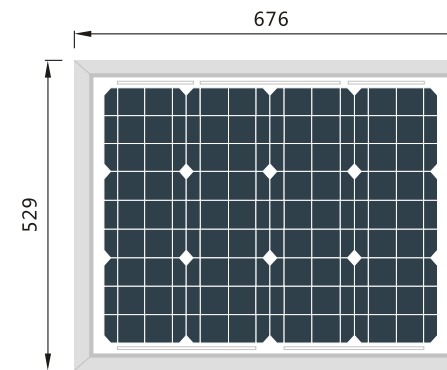


PLM-045M/050M SERIES

Monocrystalline Silicon Solar Panels

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



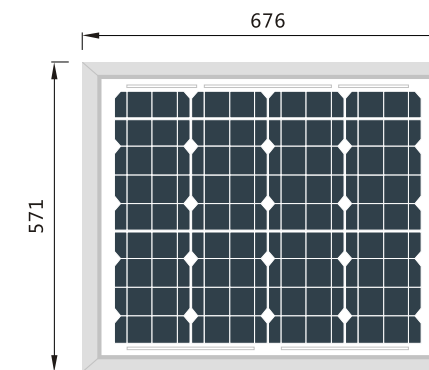
Electrical Characteristics

Model	PLM-045M/12	PLM-050M/12
Pm	45	50
Vmp	17.3V	17.4V
Imp	2.60A	2.87A
Voc	22.5V	22.6V
Isc	2.79A	3.08A
Maximum system voltage	715VDC	715VDC

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

Mechanical Characteristics

Cells Size(mm)	156×51(12) 156×52.5(24)	156×56.1(36)
Modules Size(mm)	529×676×25	571×676×35
No. of cells	36 (4×9)	36 (4×9)
Weight(KG)	4.3	5
No. of Mounting Holes	4	4
No. Of Waterspout	-	16



Electrical Characteristics

Model	PLM-035M/12	PLM-040M/12
Pm	35	40
Vmp	17.7V	17.7V
Imp	1.98A	2.26A
Voc	22.6V	22.6V
Isc	2.11A	2.41A
Maximum system voltage	715VDC	715VDC

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

Mechanical Characteristics

Cells Size(mm)	156×38.25(20) 156×39.75(16)	156×43.7(12) 156×45.2(24)
Modules Size(mm)	419×676×25	470×676×25
No. of cells	36 (4×9)	36 (4×9)
Weight(KG)	3.3	3.6
No. of Mounting Holes	4	4
No. Of Waterspout	-	-

