

MAS-14-36P-65 SERIES

MAS-14-36P-70 MAS-14-36P-65 MAS-14-36P-60

Polycrystalline Silicon Solar Module

Specifications

Cell	Polycrystalline silicon solar cells 156mm × 78mm
No. of cells and connections	36 (4 × 9)
Dimension	771 × 665 × 35 (mm)
Weight	6.2kg

Limits

Operating temperature	-40 to +85°C
Maximum system voltage	715V DC

Temperature and Coefficients

NOCT	48°C ± 2°C	
Current temperature coefficient	%/K	0.06 ± 0.01
Voltage temperature coefficient	mV/K	-(155 ± 10)
Power temperature coefficient	%/K	-(0.5 ± 0.05)

NOCT: Nominal Operation Cell Temperature

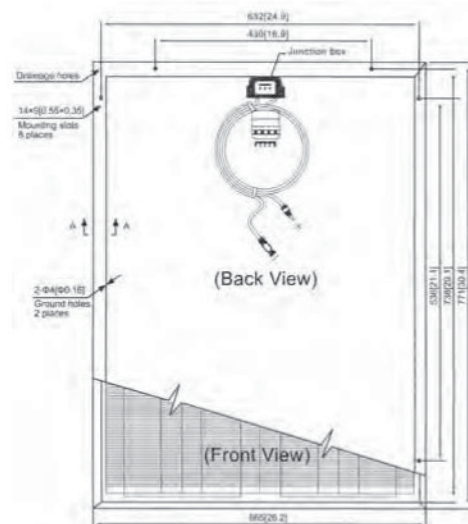
Characteristics

Model	CJE-14-36P-70	CJE-14-36P-65	CJE-14-36P-60
Open circuit voltage(Voc)	22.1V	21.8V	21.6V
Optimum operating voltage(Vmp)	17.6V	17.2V	17.2V
Short circuit current(Isc)	4.05A	3.93A	3.85A
Optimum operating current(Imp)	3.98A	3.78A	3.49A
Maximum power at STC (Pm)	70Wp	65Wp	60Wp
Full Factor(FF)	78.3%	75.9%	72.2%
Cells transfer efficiency	15.98%	14.84%	13.66%
Modules transfer efficiency	13.64%	12.67%	11.70%

STC: 1000W/m², 25°C, AM1.5



Blueprint of the module



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