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Solar Panel Guide Specification Data Sheet

My Australian Solar

MAS-13-36M-20

CJE-13-36M-30

Also available on the web at
EnergyPal.com/my-australian-solar-solar-panels/cje-13-36m-30

MAS-13-36M-20 SERIES

MAS-13-36M-30 MAS-13-36M-27 MAS-13-36M-25

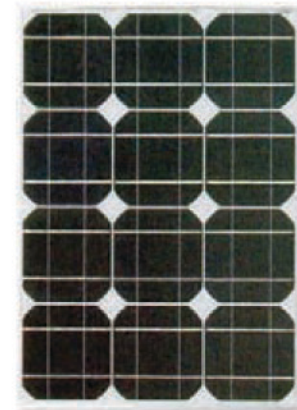
Monocrystalline Silicon Solar Module

Specifications

Cell	Monocrystalline silicon solar cells 125mm×41.6mm
No. of cells and connections	36 (4×9)
Dimension	440×541×28 (mm)
Weight	3.3kg

Limits

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

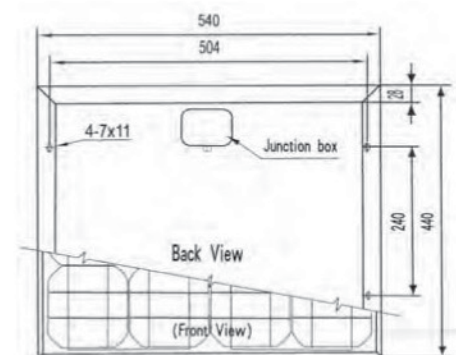


Blueprint of the module

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-13-36M-30	CJE-13-36M-27	CJE-13-36M-25
Open circuit voltage(Voc)	22.0V	21.6V	21.4V
Optimum operating voltage(Vmp)	18.2V	17.6V	17.2V
Short circuit current(Isc)	1.76A	1.71A	1.65A
Optimum operating current(Imp)	1.65A	1.54A	1.46A
Maximum power at STC (Pm)	30Wp	27Wp	25Wp
Full Factor(FF)	77.6%	77%	77%
Cells transfer efficiency	16.89%	15.70%	14.02%
Modules transfer efficiency	12.63%	11.78%	10.50%

STC: 1000W/m², 25°C, AM1.5

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