

PWM-35W PWM-40W PWM-45W

Electrical Data

MONO	PWM-35W	PWM-40W	PWM-45W
Nominal peak power [Pmax]	35Wp	40Wp	45Wp
Maximum power voltage [Vmp]	16.2V	17.28V	18.0V
Maximum power current [Imp]	2.16A	2.32A	2.5A
Short-circuit current [Isc]	2.4A	2.51A	2.7A
Open-circuit voltage [Voc]	20.8V	21.3V	22V
Optimized cell efficiency [η]	13.8%	15.8%	17.80%

Power Tolerance: ±3%

Limits

Operating temperature	-40°C to +85°C
Maximum system voltage	1000VDC

Temperature and Coefficients

NOCT	48°C ±2°C	
Current temperature coefficient	%/°C	0.037
Voltage temperature coefficient	%/°C	-0.34
Power temperature coefficient	%/°C	-0.48

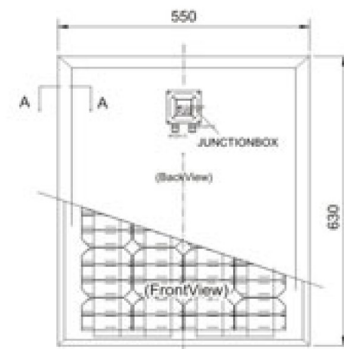
NOCT: Nominal Operation Cell Temperature

Additional Data

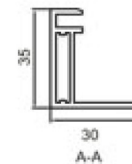
Number of cells and type of connection	18, serial connection
Dimensions	Length: 630 mm Width: 550 mm Height: 35 mm
Net Weight	4.8 kgs/pc
Gross Weight	10.5kgs/ctn(2pcs/ctn)
Package Dimension	648X580X85mm
Container Loading	2624PCS/40'HQ 2PCS/CTN 2176PCS/40'GP 2PCS/CTN 1088PCS/20'GP 2PCS/CTN

STC: Irradiance of 1000W/m², Air Mass of 1.5, Cell Temperature of 25°C

Guaranteed Power Output Warranted Tolerance : ±5%	15 years: 90% of its nominal power rating 25 years: 80% of its nominal power rating
Impact Resistance	Can bear the force that is generated by one 227g steel ball fall down from 1m height
Warranty Period	10 years: Materials and workmanship defects
Certificates	CE, ISO/UKAS, RoHS
Cells	Monocrystalline silicon photovoltaic cell

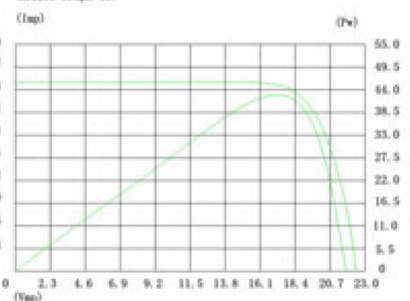


Note: mm



Characteristics

Module Graph 45W



CE RoHS

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