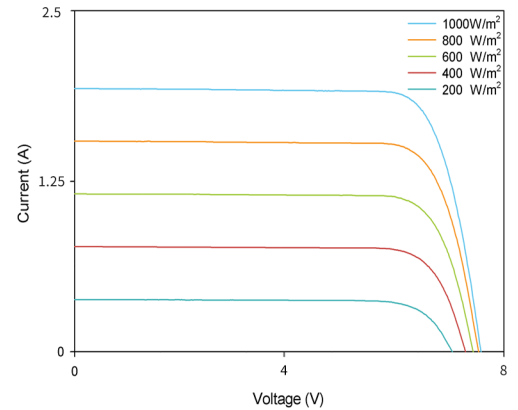


OMNIA SERIES POLY 12 WATT

ELECTRICAL PARAMETERS			STC
Power Output	P_{max}	W	12
Power Output Tolerances	ΔP_{max}	%	-5%~+10%
Voltage at Pmax	V_{mpp}	V	6.48
Current at Pmax	I_{mpp}	A	1.85
Open-Circuit Voltage	V_{oc}	V	7.5
Short Circuit Current	I_{sc}	A	2.25
Max System	V_{sys}	V	60

STC : 1000W/m², 25°C, 1.5AM



Temperature Characteristics

Nominal Operating Cell Temperature	NOCT	°C	45 ± 2 °C
Temperature Coefficient of Pmax	γ	%/°C	-0.45
Temperature Coefficient of Voc	β_{voc}	%/°C	-0.33
Temperature Coefficient of Isc	α_{isc}	%/°C	+0.039
Temperature Coefficient of Vmpp	β_{vmpp}	%/°C	-0.33

Packaging

Quantity per Pallet	720
Pallet Dimension (mm)	L1,414 x W1,062 x H1,009
Net Weight per Pallet	871.2 kg
Gross Weight per Pallet	921.2 kg
Quantity in 20" CNTR	11,520

Mechanical Characteristics

Cell Type	Poly Crystalline Silicon
Module Dimension (mm)	L344 x W281 x H17
Module Weight	1.21 kg
Front Cover	3.2 mm Tempered Glass
Encapsulant	Ethylene-Vinyl Acetate
Frame	Anodized Alluminum Alloy, Silver Color, 17 mm
Junction Box	IP 64
Cable	20 AWG
Back Cover	PV Backsheet, White

Warranty

Certification	ISO 9001, ISO 14000, ISO 45001 TUV, CE, RoHS, REACH
Product	5 years

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