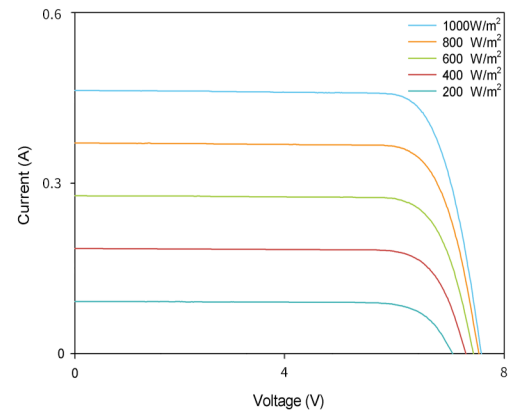


OMNIA SERIES POLY 3 WATT

ELETRICAL PARAMTERS			STC
Power Output	P_{max}	W	3
Power Output Tolerances	ΔP_{max}	%	-5%~+10%
Voltage at Pmax	V_{mpp}	V	6.48
Current at Pmax	I_{mpp}	A	0.46
Open-Circuit Voltage	V_{oc}	V	7.5
Short Circuit Current	I_{sc}	A	0.56
Max System	V_{sys}	V	60

STC : 1000W/m², 25°C, 1.5AM



Temperature Charateristics

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

Mechanical Charateristics

Cell Type	Poly Crystalline Silicon
Module Dimension (mm)	L185 x W163 x H17
Module Weight	1.19 kg
Front Cover	3.2mm Tempered Glass
Encapsulant	Ethylene-Vinyl Acetate
Frame	Anodized Alluminum Aloy, Silver, 17 mm
Junction Box	IP 64
Cable	24 AWG
Back Cover	PV Backsheet, White

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Packaging

Quantity per Pallet	900
Pallet Dimension (mm)	L860 x W1,062 x H721
Net Weight per Pallet	342 kg
Gross Weight per Pallet	392 kg
Quantity in 20" CNTR	32,400

Warranty

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

