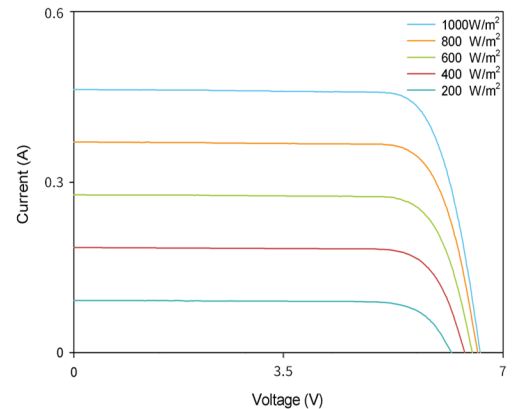


# OMNIA SERIES MONO 3 WATT

ELECTRICAL PARAMETERS			STC
Power Output	$P_{max}$	W	3
Power Output Tolerances	$\Delta P_{max}$	%	-5%~+10%
Voltage at Pmax	$V_{mpp}$	V	5.65
Current at Pmax	$I_{mpp}$	A	0.53
Open-Circuit Voltage	$V_{oc}$	V	6.65
Short Circuit Current	$I_{sc}$	A	0.57
Max System	$V_{SYS}$	V	60

STC : 1000W/m<sup>2</sup>, 25°C, 1.5AM



## Temperature Characteristics

Nominal Operating Cell Temperature	NOCT	°C	45 ± 2 °C
Temperature Coefficient of Pmax	$\gamma$	%/°C	-0.45
Temperature Coefficient of Voc	$\beta_{Voc}$	%/°C	-0.33
Temperature Coefficient of Isc	$\alpha_{Isc}$	%/°C	+0.039
Temperature Coefficient of Vmpp	$\beta_{Vmpp}$	%/°C	-0.33

## Mechanical Characteristics

Cell Type	Mono Crystalline Silicon
Module Dimension (mm)	L185 x W142 x H17
Module Weight	1.04 kg
Front Layer	3.2 mm Tempered Glass
Encapsulant	Ethylene-Vinyl Acetate
Frame	Anodized Alluminum Alloy, Silver Color, 17 mm
Junction Box	IP 64
Cable	24 AWG
Back Layer	PV Backsheet, White

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## Packaging

Quantity per Pallet	1,080
Pallet Dimension (mm)	L894 x W1,062 x H721
Net Weight per Pallet	356.4 kg
Gross Weight per Pallet	406.4 kg
Quantity in 20" CNTR	38,880

## Warranty

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

