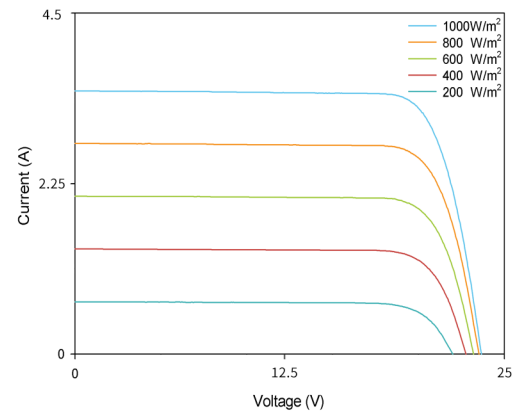


OMNIA SERIES MONO 60 WATT

ELECTRICAL PARAMETERS			STC	NOCT
Power Output	P_{max}	W	60	43.68
Power Output Tolerances	ΔP_{max}	%	-5%~+10%	-5%~+10%
Voltage at Pmax	V_{mpp}	V	18.08	16.89
Current at Pmax	I_{mpp}	A	3.32	2.59
Open-Circuit Voltage	V_{oc}	V	21.28	19.88
Short Circuit Current	I_{sc}	A	3.85	3.10
Max System	V_{sys}	V	60	60

STC : 1000W/m², 25°C, 1.5AM

NOCT : 800W/m², 45±2°C, 1m/s wind speed



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

Mechanical Characteristics

Cell Type	Mono Crystalline Silicon
Module Dimension (mm)	L665 x W572 x H25
Module Weight	4.19 kg
Front Layer	3.2 mm Tempered Glass
Encapsulant	Ethylene-Vinyl Acetate
Frame	Anodized Aluminum Alloy, Silver Color, 25 mm
Junction Box	IP 64
Cable	16 AWG
Back Layer	PV Backsheet, White

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Packaging

Quantity per Pallet	40
Pallet Dimension (mm)	L1,110 x W624 x H827
Net Weight per Pallet	167.6 kg
Gross Weight per Pallet	217.6 kg
Quantity in 20" CNTR	1,440

Warranty

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

