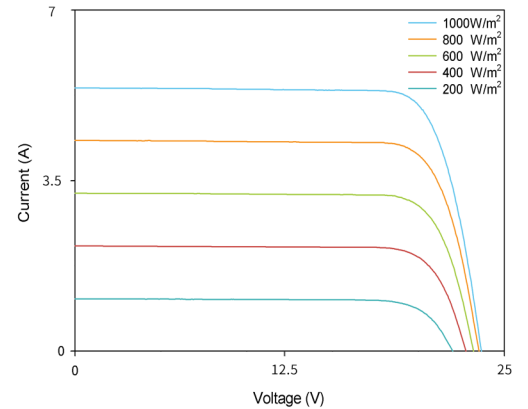


OMNIA SERIES MONO 100 WATT

| ELECTRICAL PARAMETERS | | | STC | NOCT |
|-------------------------|------------------|---|----------|----------|
| Power Output | P_{max} | W | 100 | 72.80 |
| 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 | 5.53 | 4.31 |
| Open-Circuit Voltage | V_{oc} | V | 21.28 | 19.88 |
| Short Circuit Current | I_{sc} | A | 6.43 | 5.18 |
| 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 W912 x H25 |
| Module Weight | 6.67 kg |
| Front Layer | 3.2 mm Tempered Glass |
| Encapsulant | Ethylene-Vinyl Acetate |
| Frame | Anodized Alluminum Alloy, Silver Color, 25 mm |
| Junction Box | IP 64 |
| Cable | 14 AWG |
| Back Layer | PV Backsheet, White |

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Packaging

| | |
|-------------------------|----------------------|
| Quantity per Pallet | 40 |
| Pallet Dimension (mm) | L944 x W1,110 x H827 |
| Net Weight per Pallet | 266.4 kg |
| Gross Weight per Pallet | 316.4 kg |
| Quantity in 20" CNTR | 960 |

Warranty

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

