

# OP030-P

OMNIS photovoltaic Modules are constructed with high efficient solar cells and produce higher output per module than others in it class. This industrial grade module is an industry standard among various industry professionals.



Polycrystalline



Or crocodile clips

## 1 Features

- ⊙ (EVA) with TPT cushions the solar cells within the laminate and ensures the operating characteristics of the solar cells under virtually any climatic condition
- ⊙ Rigid anodized aluminum frame and low iron tempered glass
- ⊙ Easily accessible grounding points on all four corners for fast installation
- ⊙ Proven junction box technology

## 2 Reliability

- ⊙ Proven superior field performance
- ⊙ Tight power tolerance

## 3 Warranty

- ⊙ 25-year limited warranty of 80% power output;
- ⊙ 10-year limited warranty of 90% power output;
- ⊙ 5-year limited warranty of materials and workmanship

## 4 Applications

- ⊙ Traffic & Safety
- ⊙ Federal Government
- ⊙ Agricultural
- ⊙ Security
- ⊙ Telecommunications
- ⊙ Water and Wastewater
- ⊙ Weather & Environmental Monitoring
- ⊙ RV Camper
- ⊙ Emergency Power
- ⊙ Telemetry
- ⊙ SCADA, RTU, GPS
- ⊙ Marine
- ⊙ Area Lighting & Sign
- ⊙ Wi-Fi & Wi=Max
- ⊙ Fence & Gate

## Electrical Specifications

|                |                                      |
|----------------|--------------------------------------|
| MODEL          | OP030-P                              |
| System Voltage | 12V                                  |
| Size           | 450mm*510mm*25mm (17.72*20.08*0.98') |
| Voc            | 22.5V                                |
| Imp            | 1.70A                                |
| Vmp            | 17.6V                                |
| Isc            | 1.82A                                |
| Tolerance      | 0-3%                                 |
| Weight         | 2.70kg (5.95Lbs)                     |
| J-box          | IP65                                 |
| Cable          | None                                 |
| Connector      | None/MC4/Crocodile clips             |

## Packaging Specifications

|                            |  |
|----------------------------|--|
| Modules per pallet:        | 396 pcs  |
| pallets per 20' container: | 2904 pcs   |
| Pallets per 40' container  | 6072 pcs   |
| Pallet dimensions          | 1500*1140*125mm(59.05*44.88*4.92')                 |
| Weight                     | 20" 9502kgs(20948lb)<br>40" 19880.4kgs(43828.78lb) |
| Packing                    | 2pcs/carton  |

## Operating Conditions and Certifications

|                       |  |
|-----------------------|--|
| Operating Temperature | -40 C to +85 C                               |
| Impact Resistance     | Diameter of 28mm with impact speed of 86km/h |
| Certifications        | IEC6125/61730, CE, ISO9001,SGS               |

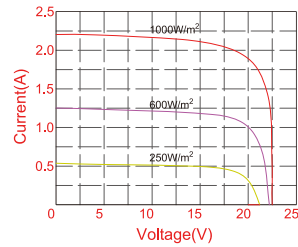


## System Design

|                                |                            |
|--------------------------------|----------------------------|
| Series Fuse Rating             | 8A                         |
| Maximum DC System Voltage (UL) | 600V                       |
| Hailstone Impact               | 1in (25mm) @ 51mph (23m/s) |

Subject to simulator measurement uncertainty of +/- 3%.

## Electrical Performance



## Front view & Profile diagram

