

Module Picture



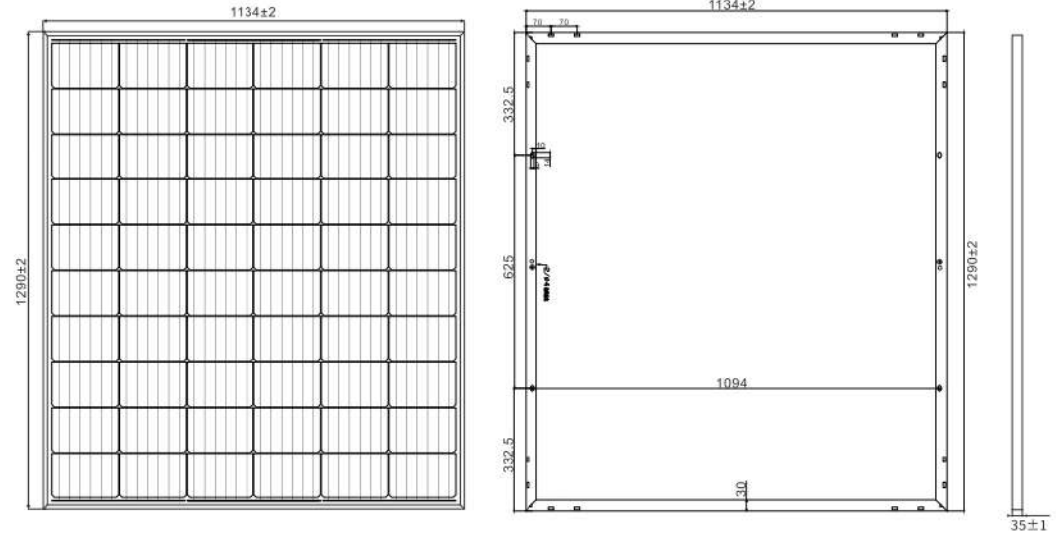
NG300M-32

Comprehensive Certificates

- IEC61215, IEC61730
- ISO9001:2015 Quality management systems
- ISO45001: Environmental management systems
- ISO45001:2018 Occupational health and safety management systems



Mechanical Diagrams

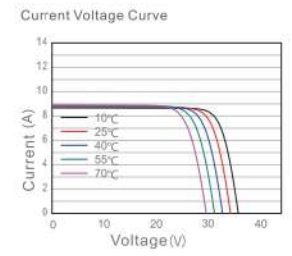
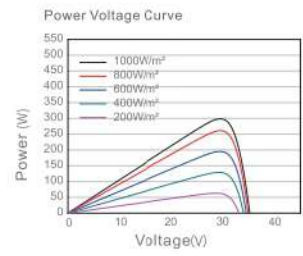
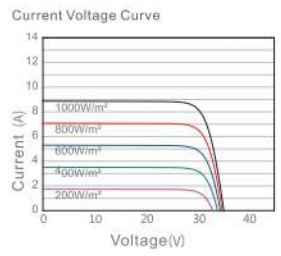


PS: Frame color and cable length can be customized

Electrical Parameters at (STC)

| Module | Power (W) | Module Efficiency(%) | Voltage at Pmax(Vmp) | Current at Pmax(Imp) | Open Circuit Voltage(Voc) | Short Circuit Current(Isc) | Power Tolerance(w) |
|--------|-----------|----------------------|----------------------|----------------------|---------------------------|----------------------------|--------------------|
| NG300M | 300W | 20.50% | 34.20 | 8.77 | 41.04 | 9.30 | ±3% |

Characteristics



| Mechanical Parameters | |
|-----------------------|---------------------------------|
| Solar Cell(Type/Size) | MONO(182mm) |
| Solar Cells Number | 60Pcs(6x10) |
| Dimension | 1290x1134x35mm |
| Weight | 14.3Kg/Pcs |
| Tempered Glass | 3.2 mm High Permeability Coated |
| Frame | Anodized aluminum alloy |
| Junction Box | IP67, 3*bypass diode |
| Cable | 4.0mm², (+)1000mm/(-)1000mm |
| Connector | Original MC4/Compatible MC4 |
| Mechanical Load | Front 5400PA/back 2400PA |

| Packing | |
|----------------|----------------|
| Module Type | NG300M-32 |
| Carton Size | 1310x1160x85mm |
| Number | 2Pcs/Ctn |
| Weight | 29Kg/Ctn |
| Volume | 0.129Cbm/Ctn |
| 20GP Container | 444Pcs |
| 40HQ Container | 1088Pcs |

- STC: ☀️ Light intensity 1000W/m² 🌡️ Battery temperature: 25°C ☁️ atmosphere quality=15
- NOCT: ☀️ Light intensity 800W/m² 🌡️ Battery temperature: 20°C ☁️ atmosphere quality=15 🌬️ wind velocity 1m/s