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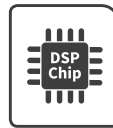
MPPT Solar heating controller

GWH02D

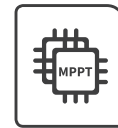


Product features

- Maximum power point tracking technology
- Advanced DSP control chip, smart control
- High voltage 350 V DC Max
- Low energy consumption
- Low temperature working
- Efficiency > 99 %
- IP65 design
- Temperature heating regulation from PV and AC



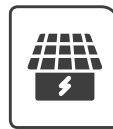
Advanced DSP
Control Chip



MPPT
Control



High
Efficiency



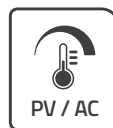
120–350 V
PV Input



IP65
Protection



Easy
Installation



PV / AC
Temperature
Regulation

Technical Data

| Model | GWH02D |
|-------------------------------------|---|
| Scope of application | The MPPT water heating controller is only suitable for heating resistive load through solar power, and the controller can only be used to connect resistive equipment or AC water heaters with utility heating power within 230V /4000 watts. |
| Photovoltaic Characteristics | |
| Solar Max. input power | 4000 W |
| Solar input current | ≤ 20 A |
| Solar input voltage range | 160 ~ 350 V DC |
| MPPT operating voltage range | 120 ~ 340 V DC |
| MPPT efficiency | > 99 % |
| Solar heating output voltage range | 0-260 V AC |
| Solar heating output current range | ≤ 20 A |
| AC Characteristics | |
| AC heating rated power | 4000 W |
| AC rated voltage | 230 V AC |
| AC working voltage range | 180 ~ 260 V AC |
| AC rated current | ≤ 20 A |
| Load Requirement | |
| Load | Load ≤ 230 V/4000 W the resistance value > 13 Ω |
| Machine Characteristics | |
| Machine dimensions | 255 x 201 x 95 mm |
| Package dimensions | 363 x 272 x 170 mm |
| Net weight | 3 kg |
| Gross weight | 3.6 kg |
| Ingress Protection | IP65 |