



MPPT Solar-Heizungsregler

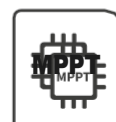
GWH02D

- Technologie zur Nachführung des maximalen Leistungspunkts
- Fortschrittlicher DSP-Steuerchip, intelligente Steuerung
- Hochspannung 350 V DC max.
- Geringer Energieverbrauch
- Betrieb bei niedrigen Temperaturen
- Wirkungsgrad» 99 %
- IP65-Ausführung
- Temperaturregelung der Heizung über PV und Wechselstrom



Fortschrittlicher DSP
Steuerchip

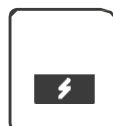
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Steueru



Hoher
Wirkungsgrad



120-350 V
PV-Eingang



IP65
Schutz



Einfach
Installation



PV/Wechselstro
m

Temperaturreg
elung

Technical Data

Model	GWH02D
Scope of application	The MPPT Water Heating Controller is exclusively suitable for heating resistive loads through solar energy, 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	≤ 20A (electrical protection)
Solar input voltage range	160 ~ 350 V DC
MPPT operating voltage range	120 ~ 340 V DC
MPPT efficiency	> 99 %
Solar input voltage of the water heater	0-260 V AC
Solar input current of the water heater	≤ 20 A
AC Characteristics	
Rated power of AC water heater	4000 W
Rated voltage of AC	230 V AC
AC working voltage range	180 ~ 260 V AC
Rated current (AC)	≤ 20A (electrical protection)
Load Requirement	
Load	Load ≤ 3300/4000 W 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