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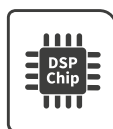
MPPT Solar heating controller

GWH02D

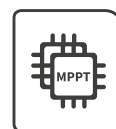


Product features

- 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



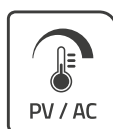
120–350 V
PV Input



IP65
Protection



Easy
Installation



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 (electrical protection)
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 (protective fuse F20AL)
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