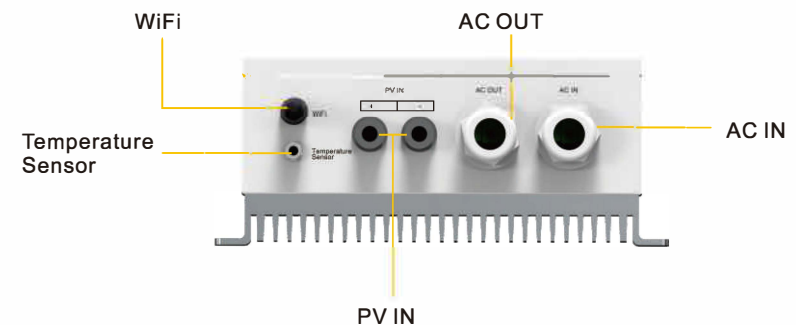


IP65 MPPT WATER HEATING CONTROLLER 3KW/4KW

Product Features

- Maximum power point tracking technology (MPPT Technology)
- Advanced DSP control chip, smart control Best solution for multi storey buidings due to cables and not pipes, less heat loss more cost effective
- Panels could be fitted any distance from geyser
- **No** Moving parts eg: pumps
- **No** expensive element up-grade, uses standard elements
- **No** routine maintenance like some other types
- **No** expensive inverter needed
- Only light panels to be installed on roof, **NO HEAVY** tanks
- Grid back-up option for poor weather conditions
- Can function with solar or grid
- **IP65** Design, indoor and outdoor applications.
- **DOES NOT FEEDBACK INTO THE GRID**



Technical Data



Model	ELIO-3K	ELIO-4K
Scope of application	The MPPT water heating controller is only suitable for heating resistance heating components through solar power, and the controller load can only be used to connect resistance equipment or AC heaters with AC grid heating power within 230V/3000 watts.	The MPPT water heating controller is only suitable for heating resistance heating components through solar power, and the controller load can only be used to connect resistance equipment or AC heaters with AC grid heating power within 230V/4000 watts.
Photovoltaic characteristics		
Solar Max. input power	3000W	4000 W
Solar input current	≤ 15 A	≤ 20 A
Solar input voltage range	90Vdc-300Vdc	160 Vdc ~ 350 Vdc
MPPT operating voltage range	80Vdc-280Vdc	120 Vdc ~ 340 Vdc
MPPT efficiency	> 99%	
Solar heating output voltage range	0 ~ 260 Vac	
Solar heating output current range	≤ 15A	≤ 20 A
AC characteristics		
AC heating rated power	3000 W	4000 W
AC rated voltage	230 Vac	
AC working voltage range	180 Vac ~ 240 Vac	180 Vac ~ 260 Vac
AC rated current	≤20 A	
Load requirements		
Load	The load should not be higher than 230V/3000W, and the resistance value isn't less than 17.5 ohms	The load should not be higher than 230V/4000W, and the resistance value isn't less than 13 ohms
Machine characteristics		
LCD Display	YES	
Max Water temperature	settible (30-80℃)	
WIFI	YES	
Temperature sensor	YES(4M)	
Machine dimensions	250*155*75mm	250*155*80 mm
Package dimensions	290*250*120 mm	290*250*120 mm
Net weight	2.8KG	3 Kg
Gross weight	3.4KG	3.6 Kg
Ingress Protection	IP65	

Product specifications are subject to change without further notice.