

immersun Solar Immersion Heater Controller



Main Features

- Uses existing immersion heater
- Can control power to any resistive load up to 3kW
- Back-lit LCD display shows: energy saved, load power and mode
- Volt-free relay contact can be set to operate for additional loads
- Built-in hot water programmer to set times when water needs to be heated
- Hot water heater boost function
- Maintains settings and time during power outages
- Can control boiler for water boost function or use immersion heater
- Cylinder de-stratification pump control option
- Several units can be linked together to control many loads
- Can be configured to operate two immersion heaters sequentially
- OEM units available in a wide range of RAL colours
- Non-invasive grid power monitoring using AC current clamp
- Built-in thermal overload protection
- UK manufactured

Technical Information

The controller monitors both the electricity generated by the microgeneration system and that which is coming from or going to the grid. It then directs any excess generated electricity, not used by the house, to the immersion heater in the hot water cylinder. The power applied to the immersion heater is modulated by the controller, keeping the exported power at zero. Once the domestic water is up to temperature, the immersion thermostat will open and the controller will indicate that the water is at the desired temperature.

Simple to Connect

Electrical specifications

Supply: 220-240VAC 50Hz
Power Consumption (excluding load): <1W
Maximum Load: 3.3kW @ 220VAC
Maximum Load Current: 15A

Dimensions

Width: 155mm
Height: 145mm
Depth: 60mm
Weight: 1130g

