

# Smart Command 'Tevolve'



## Load shedding energy monitor

The system is designed to allow the safe use of Ducasa Electric radiators when the power supply within the property is limited. If switching on your electric shower would overload your supply, one or more radiators would automatically switch off; returning once the shower is switched off. The Tevolve Energy Monitor consists of a clamp that fits around the main power cable of the property and a transmitter that sends precise details of the energy being used to the Smart Command Tevolve App. The App compares the energy being used in real-time throughout the property to the total amount of power available; a split-second calculation works out if there is enough power for your radiators to heat.

Radiators within the home can be prioritised, so if there is insufficient power to run them all at once, the lowest priority radiator will be temporarily switched off. When more power becomes available, for example when a room reaches the set temperature and a radiator switches off, another heater will switch on instantly.

If required, the App also allows the maximum power for the heating to be restricted, particularly useful if all radiators are connected to one circuit with insufficient capacity.

The total power usage for the property can be recorded within the App.



### Features

- Real-time energy monitoring
- Measures up to 100A:50mA
- Operates on 200v to 260v
- DIN rail or wall mountable
- Shows accurate power consumption, updated every 2 seconds
- Records daily, monthly, and yearly energy usage
- Downloadable consumption graphs
- Clamp fits up to 25mm double insulated main tails
- Energy monitor takes up a single circuit breaker slot on the DIN rail
- 1m cable clamp length
- Intelligence load shedding feature
- Energy monitor Dimensions  
Height 90mm, Width 17mm, Depth 58mm
- Clamp head dimensions  
Height 57mm, Width 35mm, Depth 21mm
- Requires power supply

### Compatible Products:



Avant DGi+



Colorado DGi+



Programmable Thermostat



Smart-Command Internet Gateway

*\* specification subject to change without notice*