

Load Management

Load management hubs allow for charge stations to change their charging capacity depending on the total electrical usage at a location.

Particularly useful in home applications where the incoming supply is limited and there is a possibility of exceeding this capacity if all appliances including the EV charge station are running concurrently.

iCS load management hubs are used with included CT clamps to measure electrical usage in real time and communicate to the charge station the maximum current to be made available for EV charging.

ICSLMS

Load manager single.

RS485 hard wired connection
1 charger.

ICSLMP

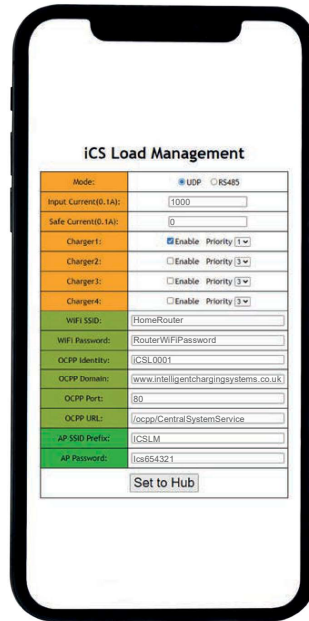
Load manager multiple.

WiFi connection upto 4 chargers
or RS485 connection to 1 charger.

Configuration

The hubs create their own WiFi access point allowing easy local configuration using a smartphone, tablet or PC.

If using the ICSLMP in WiFi mode, the hub requires to be connected to the same WiFi network as the charger(s).



Compatible Charge Stations

ICSH7C

EV Charger 7kW AC

ICSW7C

Intelligent EV
Charger 7kw AC

ICSW22C

Intelligent EV
Charger 22kW AC

ICSW22B*

Intelligent EV
Charger 22kW AC

ICSW7CPT*

Intelligent EV
Twin Pedestal
Charger 2x 7kW AC

ICSW22CPT*

Intelligent EV
Twin Pedestal
Charger 2x 22kW AC

*only compatible with ICSLMP (using WiFi mode).

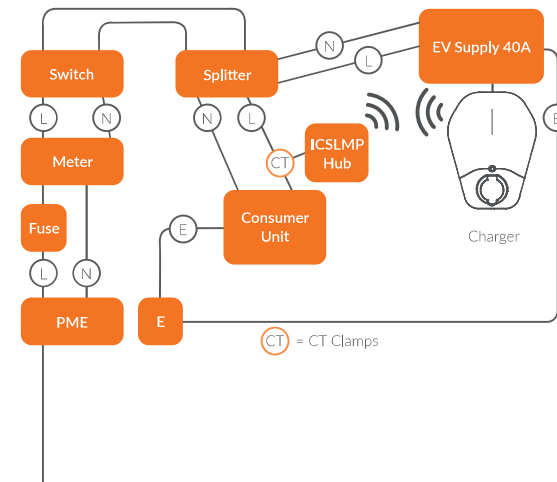
Two Connection Methods

The ICSLMP hub can be connected to a maximum of 4 chargers using WiFi or 1 charger using RS485 cable and the hubs can be used on single or three phase systems. Maximum board or MCB size is 100A.

The ICSLMS is for use with a single charge station using RS485 connection method only.



WiFi Home Connection



Commercial Connection

