PUREDRIVE
ENERGY STORAGE

PureStorage
Installer's Guide

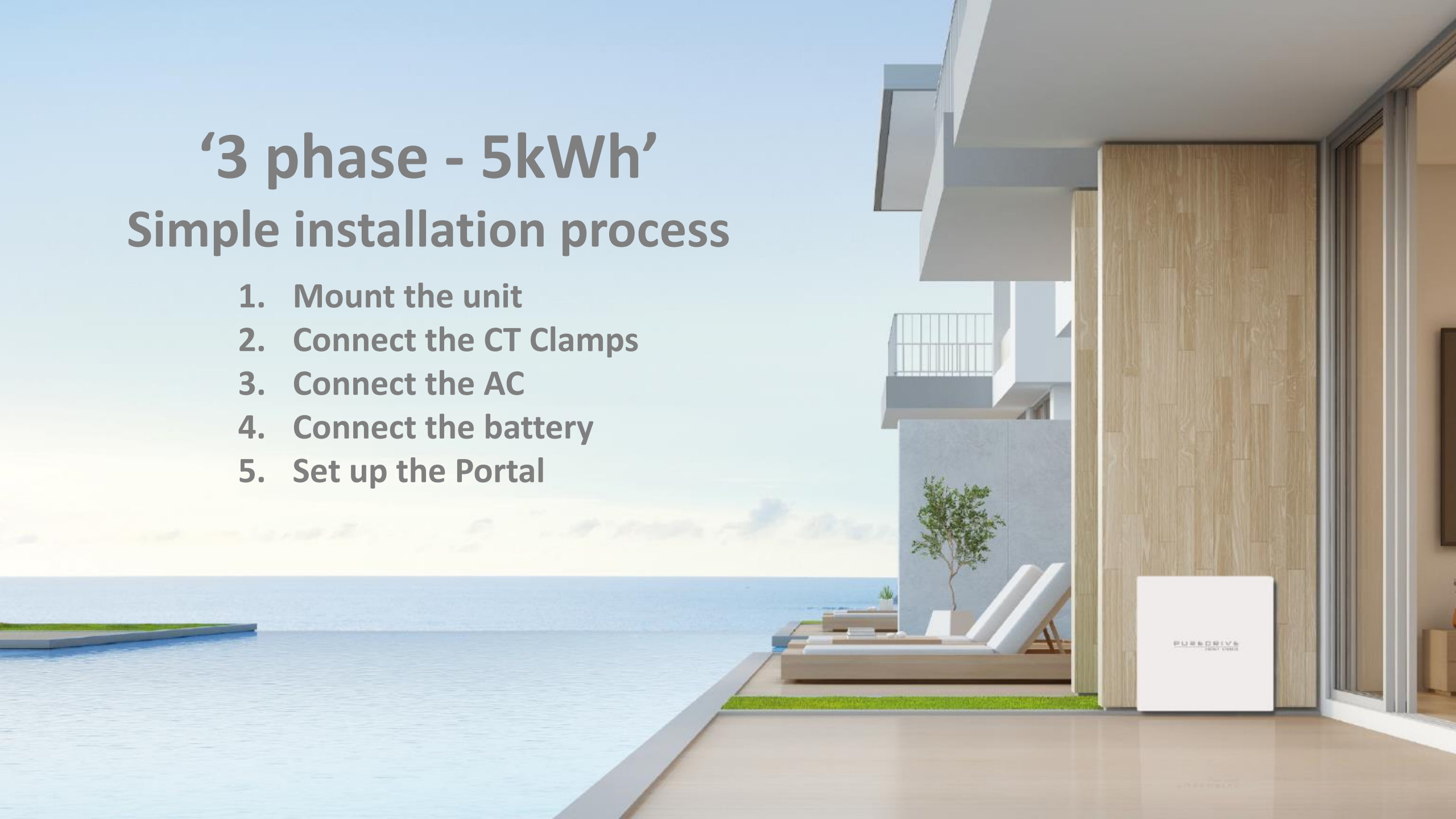


RoHS Compliant
DIN
CE
designed and assembled in the UK

‘3 phase - 5kWh’

Simple installation process

1. Mount the unit
2. Connect the CT Clamps
3. Connect the AC
4. Connect the battery
5. Set up the Portal



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1. Mount the Unit (Floor)

a) The box has two pre-drilled holes in the back plate for mounting against a wall.

b) Install a 2x2 on the wall to align with the two predrilled holes of the box

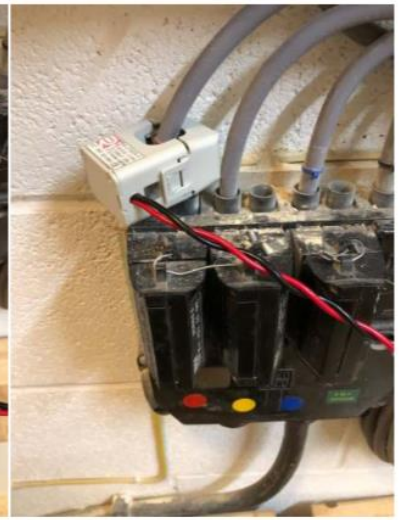
c) Fix the enclosure against the 2x2 with the relevant screws

2. Connect the CT Clamps

There are 6 off CT clamps

- Three must be installed between the distribution board and the Public Grid on each phase
- Three must be installed between the distribution board and the solar PV inverter on each phase.

The Arrow must follow the flow of energy – i.e. toward the distribution board.

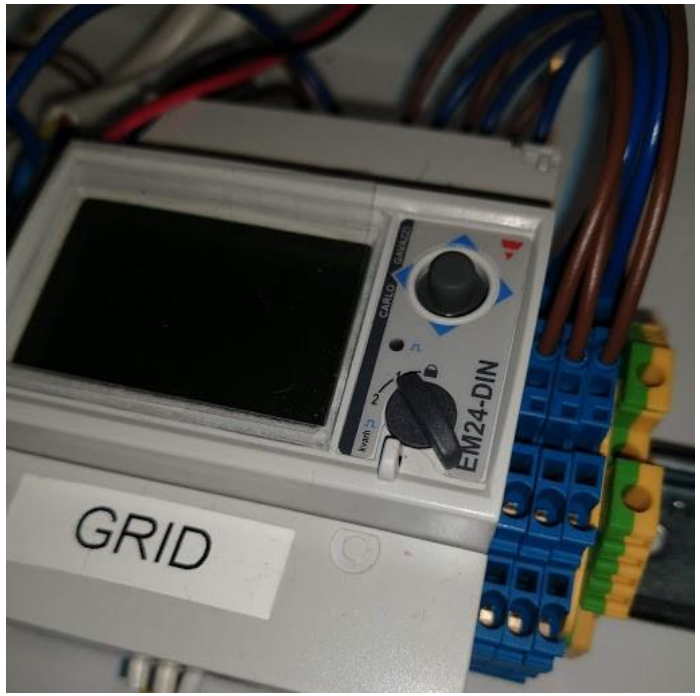





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3. Connect CT Clamps To The Meter via the terminal rail.

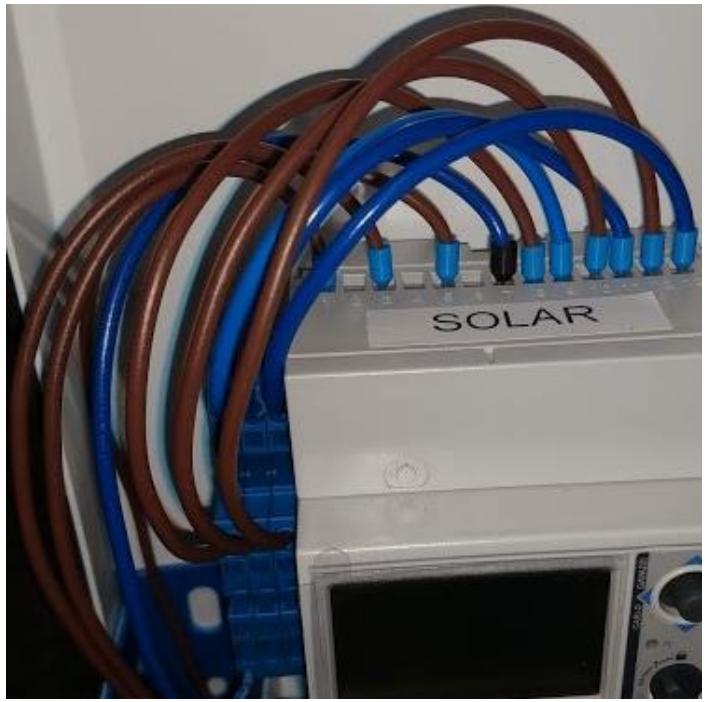
GRID



L1,L2,L3

a)
Connect the grid CT clamps in the sequence shown, L1, L2,L3.
Red is +ve,
Black is –ve,

SOLAR



L1,L2,L3

a)
Connect the solar CT clamps in the sequence shown, L1, L2,L3.
Red is +ve,
Black is –ve,

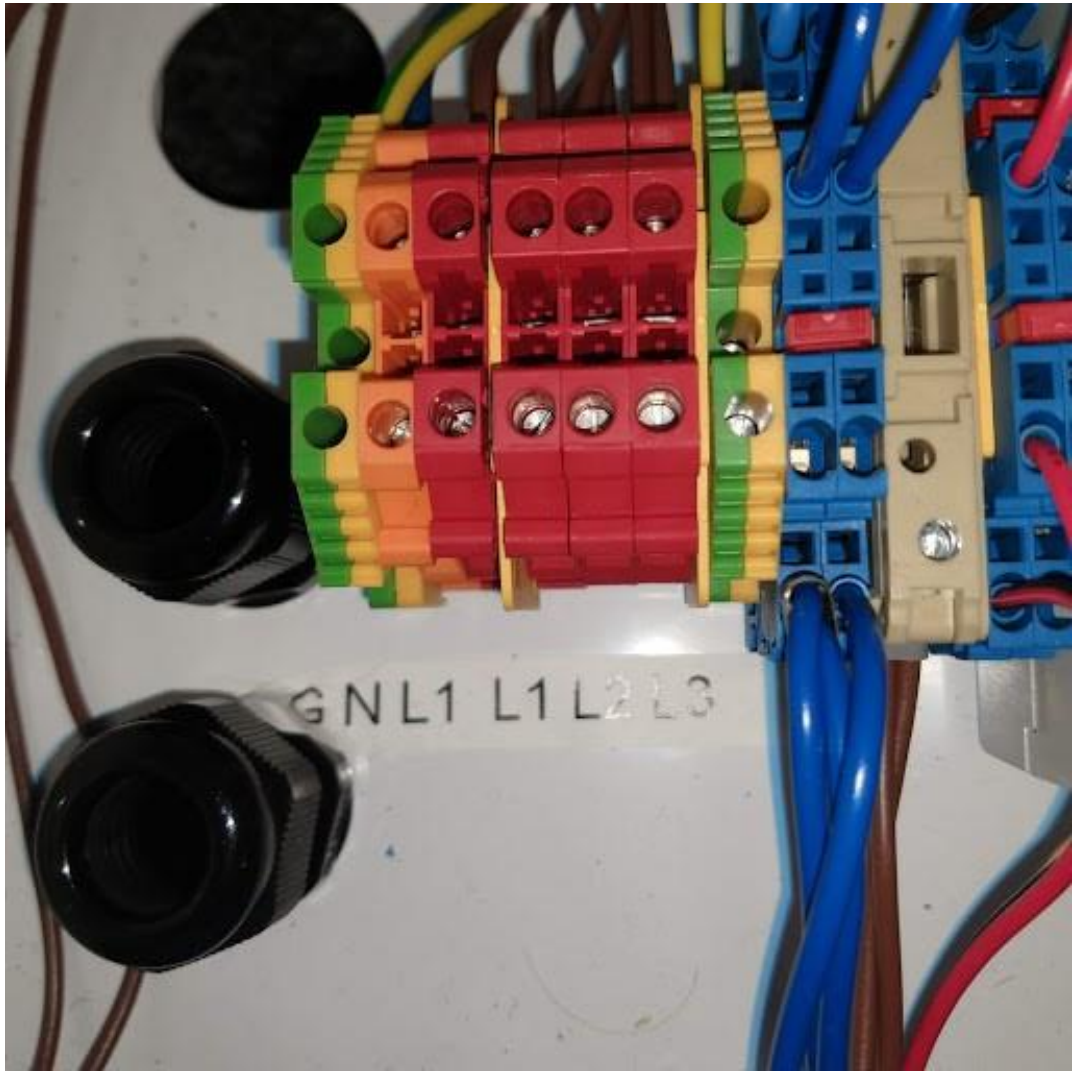
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4. Connect the AC from L1 & reference signals from 3 phases

a) Make an AC connection to a spare way in the distribution board from L1 and protect with 16 amp MCB. Then connect to the AC IN (G,N,L1) as shown.

b) Take a reference signal from each phase through a 1 amp MCB and connect to L1, L2 & L3 as shown.

Be sure to isolate the power before connecting



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5. Install and connect the battery

a) Position the battery inside the enclosure, Connect the battery to the inverter with the Anderson connector as shown



5. Install and connect the battery

b) **Now connect the RJ45 communication cable between VeCan port on the control panel and the port on the battery.**

c) **Switch on the battery, by holding down the 2 off buttons simultaneously for 3 to 5 secs.**

** Battery will switch off after 10 mins if communication is lost.*





6. Set up the Portal

To do this you mush be within two metres of the Puredrive System
Before you start you will need the following information

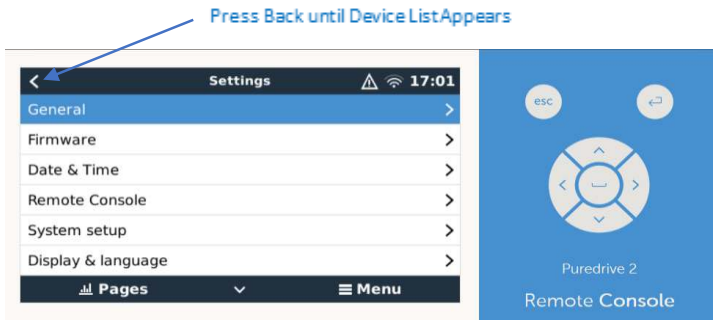
1 VRM ID Number
2 Wi-Fi Key Password

Once you have this information from your installer follow these steps to set up your system.

1 Open the WIFI setting on your device and search for Venus (your VRM ID Number)
2 Select that connection and enter the Wi-Fi key (password)
3 It will come up as connected but no internet access this is OK
4 Open your Web Browser and enter Address 172.24.24.1 in the Address Bar.
5 The Remote Console for the System will Appear showing Real Time Condition of the System



1 Press the Back Arrow on top of the Screen until it does not appear, then press escape key the remote console appears.
2 The Control keys may appear in a different pattern on your device



3 Then Press the return key, the **DEVICE LIST** menu appears.
4 Go to **Setting** and press Enter.
5 In the **SETTING** Menu move down the list to **Wi-Fi**, Press Enter.
6 In the **Wi-Fi** Menu go to **Wi-Fi networks**.
7 Select your Network and enter your network pass key

You should now have the Puredrive Energy Storage System Connected to Your Network.

Videos in Installer Portal

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Puredrive Energy are the battery brains of Britain. They have a great product and we're glad to be partners with such a fantastic company. I am looking forward to a greener future together.
Bradley Raphael – Manager Edmundson Greentech

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