

Quick Installation Guide PMU Commercial

Power Management Unit (PMU) Commercial



Notes:
You can download the user manual from the ZEVERSOLAR website (<http://www.zeversolar.com>).

- If you cannot use our power supply, the power supply must satisfy the following requirements:
 - EMC Directive and Low Voltage Directive of the European Parliament;
 - Output voltage between 7.5 Vdc and 12 Vdc;
 - Output current of at least 500 mA.

- Supported web browsers:
- Google Chrome, version 23.0 or later;
 - Mozilla Firefox, version 3.6 or later;
 - Microsoft Internet Explorer, version 8 or later.

1 Scope of Delivery

Component	Quantity
PMU Commercial	1
Quick Installation Guide	1
Warranty Card	1
2-pole Plug	1
10-pole Plug	1
Wall Anchors and Bolts	2
Power Supply Unit	1

2 Registering a PV Plant
With the Solarcloud, you can monitor your PV Plant online and view your PV Plant's performance and data.

- ### 2.1 Creating a User Account
1. Start your web browser and go to <http://solarcloud.zeversolar.com>. The Solarcloud home page opens.
 2. Create a user account by following the on-screen instructions.

- ### 2.2 Creating a PV Plant
- Login to the Solarcloud website;
 - Select [Plant list];
 - Create a new PV Plant.
- Note: The serial number (SN) and the registration ID (RID) can be found on the PMU Commercial's product label.

2.3 Monitoring via a PC

You can view power generation data and events in the Solarcloud.

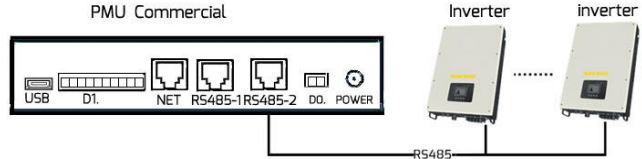
2.4 Monitoring via mobile device Apps

The Solarcloud App is available in Google Play and App Store. Install the Solarcloud app on your mobile device to monitor your PV Plant online.

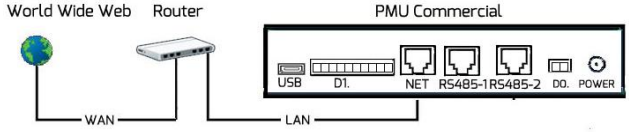
3 Connecting the PMU Commercial

- ### 3.1 Connecting Inverters
- Materials needed:
- Shielded Ethernet cable (CAT 5E or higher)
- Requirements:
- Comply with the standards for structured cabling according to EIA/TIA-568;

- No more than fifty inverters can be connected to the PMU Commercial;
- Connect the inverters to the PMU Commercial in a daisy chain configuration.



- ### 3.2 Ethernet Connection
- Ensure your router's DHCP function is activated;
 - Connect the PMU Commercial to the router.



3.3 DO. and DI. port

Please refer to the user manual for information on how to use digital output port (DO.) and digital input port (DI.),

3.4 LED

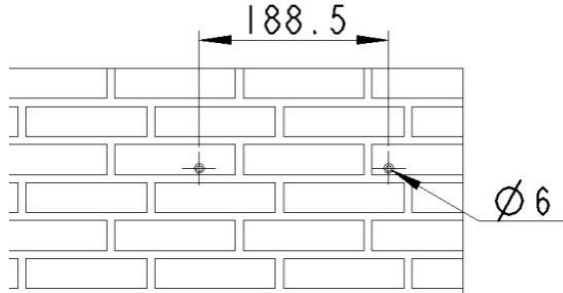
The NET port has a status indicator. The LED on the left flashes green when data is being transmitted and the LED on the right flashes yellow when the PMU Commercial is connected to the LAN router. The front panel of the PMU commercial also has LED status indicators.

LED	Status	Explanation
	Glowing green	PMU-C is supplied with voltage
	Off	PMU-C isn't supplied with voltage
	Flashing red	PMU-C is sending active power commands to the inverter
	Flashing green	PMU-C is sending reactive power commands to the inverter
	Flashing Green	PMU-C is sending data to the inverter
	Flashing red	PMU-C is receiving data from the inverter

4 Mounting the PMU Commercial

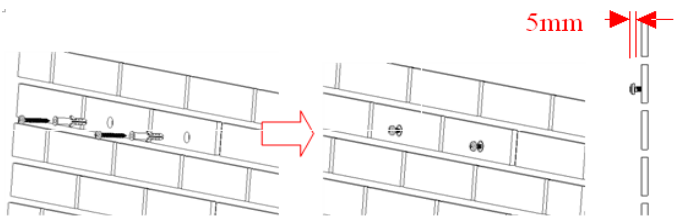
PMU Commercial must be installed indoors.

1. Select a suitable place for mounting.
2. Mark the positions of the drill holes on the wall (spacing of drill holes: 188.5mm).

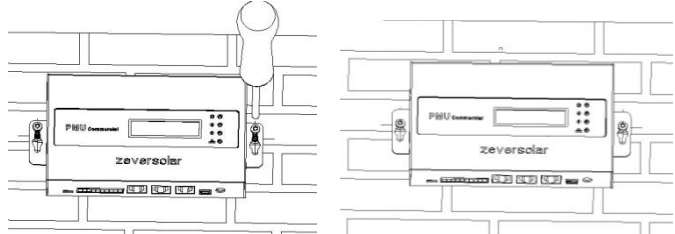


3. Drill the holes (diameter: 6 mm, depth: at least 30 mm).
4. Remove dust from drill holes.
5. Hammer screw anchors into holes with rubber mallet

6. Insert the screws until they protrude by 5 mm.



7. Hang the PMU-C on the screws.
8. Tighten the screws.



For more information, please go to <http://www.zeversolar.com>.