Best Practice of
GreenVolt-HS5B/BS5B Installation

The diagrams in this best practice provide detailed instructions on connecting GreenVolt, Non-GreenESS PCS and the entire house load, ensuring safe and efficient connections between all components. Following the wiring diagram will maximize system performance and ensure long-term reliable operation.

Pre-Installation Inspection:

Ensure that the existing electrical wiring and components in the house are in good condition and can handle the additional load.

A suitable location:

Select a suitable location, ensuring it is mounted on a stable surface, away from direct sunlight and moisture.

Ensure proper ventilation around the GreenVolt to prevent overheating.

AC Load Connection:

Connect the GreenVolt Backup-AC output to the important load in main distribution board of the house.

Circuit Breakers Selection:

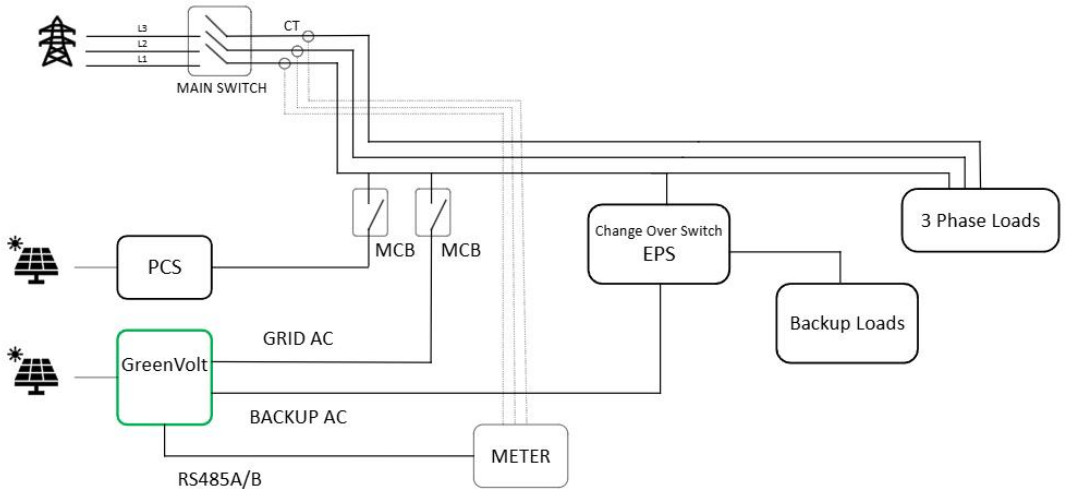
GreenVolt Backup Port has a up to 200% surge load capacity, you need to ensure that the connection allows the inverter to supply power to the house load.

Use proper circuit breakers and protective devices to safeguard the system.

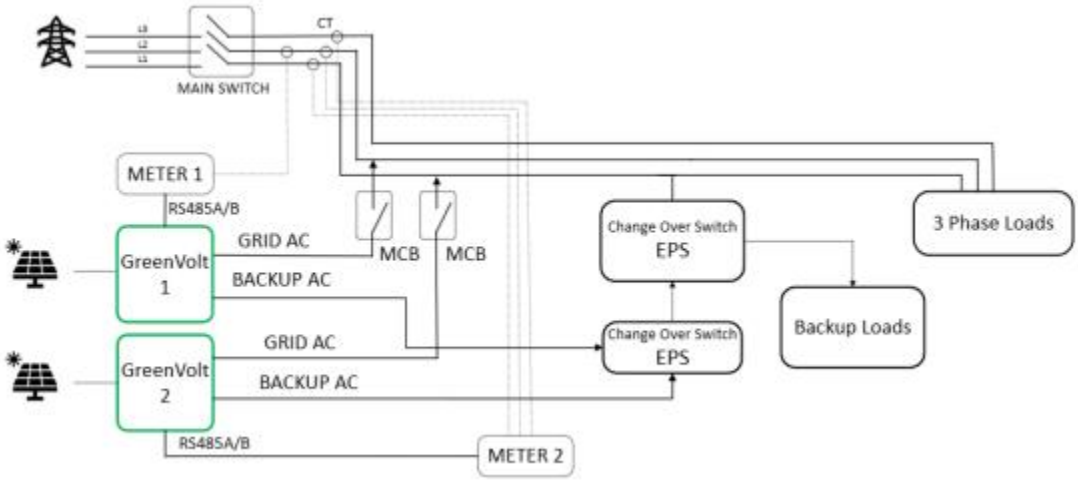
Practice:

Please refer to the following wiring diagram to ensure the correct installation of the different senior.

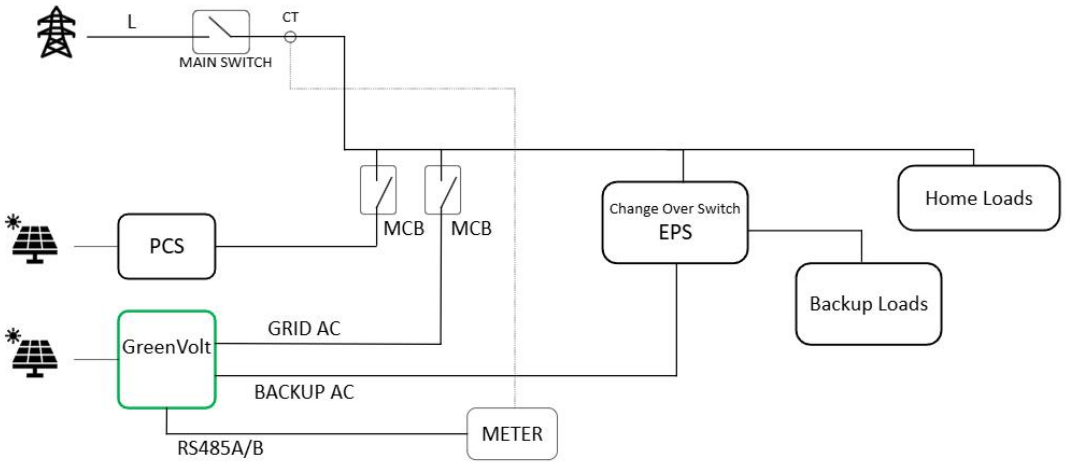
Practice 1: Install a GreenVolt in a 3PH-system which has already got a Non-GreenESS PCS



Practice 2: New Installation of two GreenVolt in a 3PH-system



Practice 3: Install a GreenVolt in a single phase system which has already got a Non-GreenESS PCS



Practice 4: Install a GreenVolt in a 3PH-system which has already got a 3PH-Non-GreenESS PCS