

SPWES LLC: Energy Storage solutions:

Provide scalable Energy storage system with easy to install and easy to use for Off grid application . 44KWH with 15KW inverter built in solar integration and can charge from grid. It is Modular design with easy to scale ,each battery module is 11KWH. One unit can hold 4 battery module. Each module can be either Sodium-Ion or Lithium-ion cell options.



Battery Module Spec:

- Capacity: 11KWH Battery module
- 230AH Li-Ion Cells or Na-ion Cells
- BMS with coulomb count , auto sleep and advanced protection built in.
- communication: CANopen, MODbus Rtu, wifi and Bluetooth



Main Unit: 44KWH

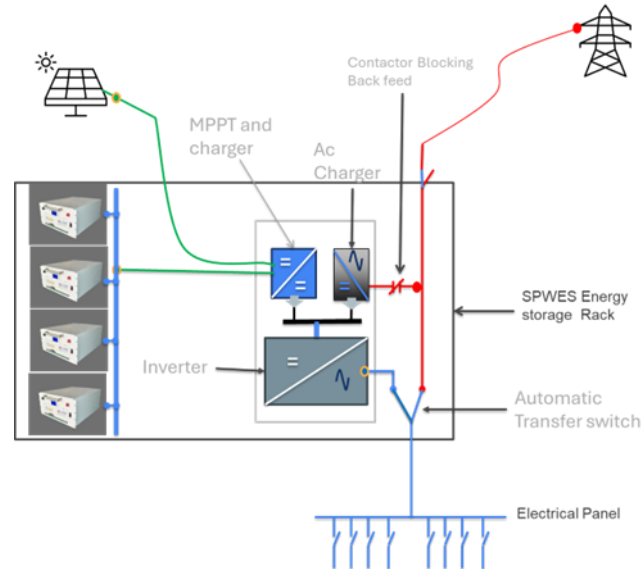
Main Unit Spec:

Storage Capacity:44KWH/Unit
Continuous Power: 15KW
Built in solar input :10KW
Built in : Automatic Transfer switch

Market Size : 4.5 Billion

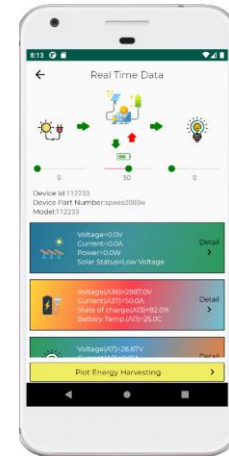
Application:

- Residential
- Small business
- Tinny House
- RV and Mobile house
- Replace fissile fuel back up Gennrator



System Architecture with:

- Easy to install and use



Mobile app:

- Connectivity easy
- Live animated data easy visualization
- Remote connect and control
- Weather forecasting and disaster ready
- Plot historical data usage
- One app for all equipment control