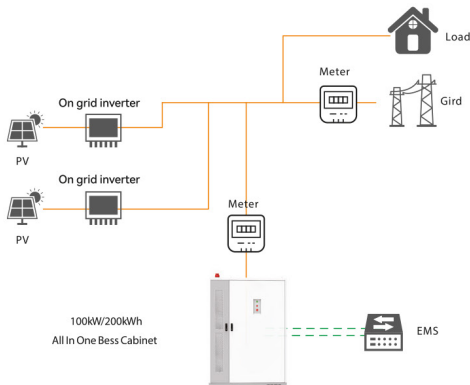
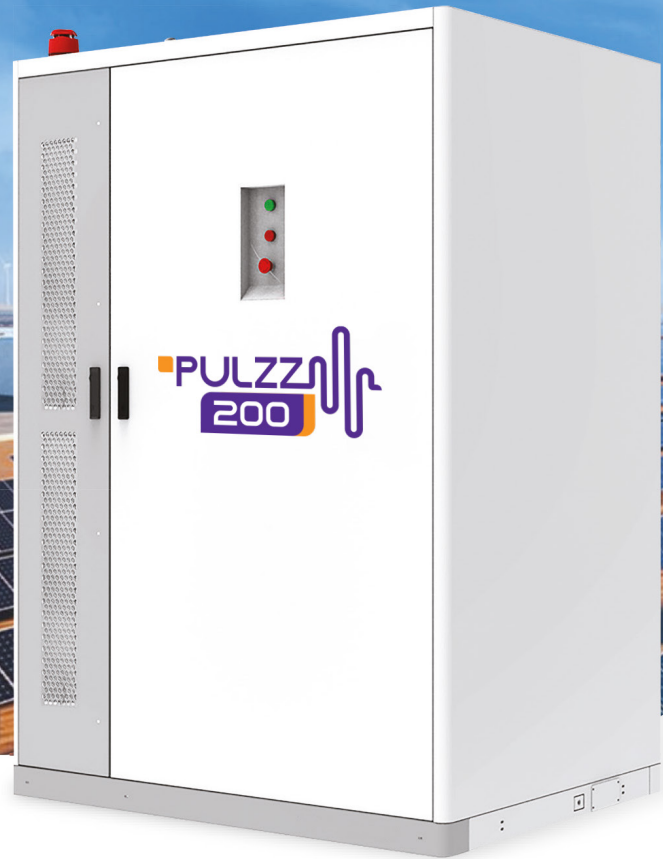




# All-in-One Energy Storage System

**100kW/200kWh**

## Features

### SAFE AND RELIABLE

Multi-state control and monitoring of the battery system ensures safety, fast response to actions and protection.

### FAST RETURN OF INVESTMENT

Peak Shaving: Smoothing grid load in cast of capacity restrictions or use stored energy when prices are high. Energy trading (charge and discharge).

### MODULAR DESIGN

Integrated highly integrated smart EMS, cloud platform and outdoor cabinet design provides a high level of flexibility (up to 10 in parallel systems) and safety.

### SMART AND ROBUST

Real-time monitoring and fault recording enables pre-alarm recognition and fast fault location/recovery.

### EFFICIENT AND FLEXIBLE

Intelligent cell-level control software ensures longer battery lifetime and easy system expansion.

### CLOUD PLATFORM

Monitoring, analysis and quick fault allocation.

| Product name                |                                                  | 25-PLZ-100-A200 |
|-----------------------------|--------------------------------------------------|-----------------|
| DC (Battery)                |                                                  |                 |
| Battery type                | LFP (LiFePO4)                                    |                 |
| Battery capacity (kWh)      | 200.7                                            |                 |
| Nominal capacity (Ah)       | 280                                              |                 |
| Voltage range (V)           | 615-950 (3P+PE)/680-950 (3P+N+PE)                |                 |
| Maximum current (A)         | 140                                              |                 |
| Cycles                      | >8000                                            |                 |
| Pack configuration          | 1P224S/1 cluster                                 |                 |
|                             |                                                  |                 |
| AC                          |                                                  |                 |
| Rated power (kW)            | 100                                              |                 |
| Maximum power (kW)          | 116                                              |                 |
| Maximum current (A)         | 167                                              |                 |
| Rated voltage (V)           | 400                                              |                 |
| Wiring methode              | 3P+PE/3P+N+PE                                    |                 |
| Frequency (Hz)              | 50/60                                            |                 |
| Power Factor                | 1 (leading) ~ -1 (lagging)                       |                 |
| Max nr. of parallel systems | 10                                               |                 |
|                             |                                                  |                 |
| Cooling/Heating             |                                                  |                 |
| Air (pack and PCS)          |                                                  |                 |
|                             |                                                  |                 |
| System parameters           |                                                  |                 |
| Working altitude (m)        | 2000 (above 2000 derating power)                 |                 |
| Operating temperature (C)   | -10 ~ 55 (under -10 and above 55 derating power) |                 |
| Humidity (%)                | < 95                                             |                 |
| Dimension (WxDxH mm)        | 2185 x 1500 x 1330                               |                 |
| Weight (kg)                 | 2450                                             |                 |
| Communication interface     | CAN/RS485/TCP                                    |                 |
| Installation                | Ground mounting                                  |                 |
| Display                     | Touchscreen                                      |                 |
| Protection class            | IP54                                             |                 |
| Anti corrosion grade        | C3/C5                                            |                 |
| Fire control                | Aerosol/Perfluorohexanone                        |                 |
| Certification               | UN38.3, MSDS, IEC6219(CB), CE-EMC                |                 |
|                             |                                                  |                 |
| Warranty                    |                                                  |                 |
| 10 year                     |                                                  |                 |