

Tensorpack R 125kW/279kWh Energy Storage System

Tensorpack R is an UL9540-certified 0.5C energy storage system with a specification of 125kW/279kWh. Suitable for factories, commercial parks, charging stations and other application scenarios, to meet , demand charge management, TOU, PV consumptions and other applications. Combined with the self-developed load forecasting and demand control algorithm, the stability of investment return is greatly improved, and considerable benefits are brought to customers.



SPECIFICATION

| AC PARAMETERS | | SYSTEM PARAMETERS | |
|---|----------------|------------------------------|---|
| Rated Power | 125 kW | Maximum Efficiency | 90% |
| Wiring Configuration | 3P3W | Operating Temperature | -30°C ~ 50°C |
| Rated Grid Voltage | 480V | Relative Humidity | 0 to 95% RH, non-condensing |
| Grid Voltage Range | 422.4V - 528V | Altitude | ≤2000 m |
| Max. Continuous AC Current | 151 A | Communication Interface | LAN/RS485/CAN/4G |
| Rated Grid Frequency | 60Hz | Communication Protocol | Ethernet/Modbus TCP , RS-485/Modbus RTU |
| Power Factor | -1~1 | IP Level | Type 3R |
| DC PARAMETERS | | Cooling Method | Liquid Cool |
| Cell Type | LFP 280Ah CATL | Noise Rating | ≤72dB |
| Rated Energy | 279kWh | DC Cabinet Dimension (W*D*H) | 1300 x 1300 x 2280 mm |
| Voltage Range (V) | 873V ~ 1123V | AC Cabinet Dimension (W*D*H) | 1600 x 1200 x 2280 mm |
| Cycles expected @ 100%DoD 70% EoL 25°C +/-5°C | 8000 times | Net Weight | 3040kg |
| | | Certification | UL1741、UL1741 SB、UL1973、UL9540A、UL9540 |