

CSE-M600-215

Commercial & Industrial air-cooled Power Pack



Technical specification:

| Model | CSE-M60-215 |
|-------------------------------------|--|
| Battery parameters | |
| Battery type | Lithium iron phosphate |
| Cell spec | 3.2V/280Ah |
| String configuration | 1P240S |
| Rated energy capacity | 215.04kWh |
| Rated voltage | DC768V |
| voltage range | DC672~864V |
| The rated charge and discharge | 0.5C |
| Depth of discharge | 90% |
| Cooling | Intelligent air cooling |
| PV Input | |
| Rated PV power | 60kW |
| Max. PV power | 72kW |
| PV voltage range | 200~900 |
| Max. PV input current | 200A |
| AC grid-connected parameters | |
| Rated power (kW) | 60 |
| Rated current (A) | 86 |
| Rated voltage | 230V/400V AC |
| AC output | 3P+N+PE |
| Rated grid frequency | 50/60Hz |
| AC PF | 0.1~1 leading or lagging |
| Isolation mode | Transformer isolation |
| AC off-grid parameters | |
| Rated power (kW) | 60 |
| Rated current (A) | 86 |
| AC side rated voltage | 230V/400V AC |
| Rated grid frequency | 50/60Hz |
| Unbalanced load capacity | 100% |
| System parameters | |
| MPPT efficiency | 99.9% |
| Europe efficiency | 96% |
| life cycle | ≥6000 |
| Max. efficiency | ≥85% |
| Degree of protection | IP54 |
| noises (dB) | 75 |
| Anti-corrosion rating | C5 |
| Operating temperature range | -30 to 50°C (> 45°C Derating) |
| Storage temperature range | -20°C~50°C (short term) , 0°C~35°C (long-term) |
| Operating humidity range | 0~95% (non-condensing) |
| weight (kg) | ≤2800 |
| Cooling method | Intelligent temperature |
| Fire configuration | aerosol |
| Working altitude | standard2000m (utmost3000m) |
| Dimension (WxDxH) | 1300*1500*2200mm |
| Installation location | outdoors |
| Communication interface | RS485、Ethernet |

Safe and reliable

- Efficient thermal management design, with system linkage to form protection.
- AI health monitoring of battery cores, dynamic active early warning of battery cores.

Economical applications Intelligent operation

- 90% DOD deep discharge, 15 years service life for standard working conditions.
- seamless switching between parallel and off-grid states, uninterrupted supply of load.
- Automatic operation and remote maintenance with one key start.
- Built-in EMS, multiple operation modes can be flexibly selected to improve the revenue.