

Smart Energy Manager

System self-consumption monitoring

Export limitation for commercial projects

Support online monitoring and online service

Flexible CTs for different project size

RS485 and Ethernet connection



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DATA SHEET

| Smart Energy Manager | | | | | |
|---|--|-------|-------|-------|-------|
| System capacity | 100KW | 300KW | 600KW | 1MW | 2MW |
| Input voltage data | | | | | |
| Nominal input voltage /range | 230/400Vac | | | | |
| Nominal input frequency /range | 50/60Hz 45-55Hz/55-65Hz | | | | |
| AC grid connection type | 3W/N/PE | | | | |
| Input current and CT data | | | | | |
| Maximum detection current (CT primary current) | 250A | 600A | 1200A | 2000A | 4000A |
| Maximum input current (CT secondary current) | 5A | | | | |
| Current detection accuracy (CT) | 0.5 | | | | 0.2 |
| Interfaces | | | | | |
| RS485 | Yes | | | | |
| Ethernet | Yes | | | | |
| Inverter maximum connection number | 32pcs | | | | |
| Maximum communication distance | RS485 shielded twisted pair cable:500m Ethernet cable:100m | | | | |
| General data | | | | | |
| Dimensions(W/H/D) | 350*330*107mm | | | | |
| Weight | 6kg | | | | |
| Operating temperature range | -25°C-+60°C | | | | |
| Protection degree | IP65 | | | | |
| Relative humidity | 0-100% | | | | |
| Location | Indoor | | | | |
| Altitude | 2000m | | | | |
| Terminal type | U shape terminal | | | | |
| Certification | CE | | | | |
| Note:1. The total power of the inverter or the total power of the load in the whole system cannot exceed the system capacity corresponding to the Smart Energy Manager. | | | | | |