

ME 3000SP

3000 W

AC-COUPLED ENERGY STORAGE INVERTER



Product advantages

- Various operational modes available
- Smart fanless cooling design
- Flexible configuration, allowing both lead-acid and lithium batteries
- LCD+LED – user friendly interface
- Smart battery energy management system.
- Compatible with other brands of inverter
- IP65 design for outdoor



Model

ME 3000SP

| Battery parameters | |
|--------------------------------------|--|
| Battery type(1) | Lithiumion, Lead-acid |
| Rated battery voltage | 48V |
| Battery voltage range | 42-58V |
| Max. charging current | 65A |
| Max. Charging current range | 0-65A(programmable) |
| Charging curve (Lithiumion) | SAF-adaptation to BMS |
| Max. discharging current | 70A |
| Electronic protection | DCP OTP OVP |
| Short circuit protection | Fuse (100A) |
| AC output (on-grid) | |
| Rated power | 3000W |
| Max. output power | 3000VA |
| Rated output current | 13A |
| Max. output current | 13A |
| AC voltage range | 180-270V |
| Grid frequency range | 44-55 Hz(50-60Hz) |
| Output THD | <5% |
| Power factor | 1 (default 1/-0.8 adjustable) |
| Connection phase | Single |
| Inrush current | 0.8A/1µs |
| Max. output fault current | 1000V/µs |
| Max. output overcurrent protection | 13A |
| System parameters | |
| Max. charging/discharging efficiency | >95% |
| Standby losses | < 5W |
| Topology | High frequency isolated transformer |
| Degree of protection | IP65 |
| Safety protection | Anti-handling, ICMU ground fault monitoring |
| Communication | RS485/CAN/WIFI Optional, Ethernet/4G |
| Surge protection | AC Type III |
| Environmental | |
| Ambient temperature range | -25°C~+60°C (above +45°C derating) |
| Allowable relative humidity range | 0~100% |
| Max. operating altitude | 2000 m |
| Current sensor connection | External |
| AC output (off-grid) | |
| Rated power | 3000VA |
| Rated voltage, frequency | 230V, 50/60Hz |
| Rated current | 13A |
| Output THDv (@Linear load) | < 5% |
| Switch time | < 5s |
| General parameters | |
| Weight | 16kg |
| Cooling | Natural |
| Dimension | 358*543*171,7mm |
| Display | LCD |
| Standard | EN 61000-6-1, EN 61000-6-2, EN 61000-6-3, EN 61000-6-4, IEC 62109-1/2, IEC62040-1, VDE V 0124-100, V 0126-1-1, VDE VARN 4105, CEI 0-21, EN 50546, G53/G38, UTE C15-F12-1 |

(1) Please refer to document "SOLAx Inverter Hood compatible battery list"

*All specifications are subject to change without notice.