



Micro-Hybrid-Inverter

☉ 1PHASE | 800W

AU800MESL

Advantage

- ☉ Austa micro-hybrid inverter is a powerful and efficient way to power your home or business. It is also incredibly reliable, with robust construction and advanced safety features. It can be installed on the balcony of apartments, making it a convenient and space-saving solution for power needs.

It can be used in conjunction with a customized designed 54Ah LifePO4 battery to store excess energy generated during the day. This energy can then be released to power home loads during the night, helping you to save money on your energy bills.



| Model | AU800MESL |
|------------------------------------|-------------|
| PV Input | |
| Max. DC input power(W) | 600×2 |
| MPPT voltage range (V) | 22–55 |
| Startup voltage(V) | 24 |
| Max. input voltage (V) | 60 |
| Max. DC short circuit current(A) | 20×2 |
| PV overvoltage protection category | II |
| AC Output | |
| Max. output apparent power(VA) | 800 |
| Rated AC output voltage(V) | 230 |
| Max. output apparent current(A) | 3.48 |
| Rated frequency (Hz) | 50 / 60 |
| Power factor(at full load) | >0.99 |
| THDi(at rated power) | <3% |
| AC overvoltage protection category | III |
| Battery Parameters | |
| Rated capacity(Ah) | 54 |
| Rated energy(kWh) | 2.7648 |
| Rated voltage(V) | 51.2 |
| Operating voltage range(V) | 44.8 ~ 57.6 |
| Max. charge/discharge current(A) | 54 |
| Battery type | LifePO4 |
| Cycle life(Cycles) | 6000 |
| Battery voltage(V) | 40~60 |
| Max. charge/discharge current(A) | 30/20 |
| Max. charge/discharge power(W) | 1000/1000 |
| Efficiency | |
| Max. efficiency | 97.30% |
| Others (inverter) | |
| Operating temperature range (°C) | -40 ~ +65 |
| Relative humidity range | 0 ~ 100% |
| Communication | WIFI |
| Protection degree | IP67 |
| Cooling method | Natural |
| Size (mm) | 315*244*39 |
| Weight (kg) | 4.5 |
| Others (battery) | |
| Operating temperature range (°C) | -20 ~ +55 |
| Protection degree | IP65 |
| Size (mm) | 480*350*160 |
| Weight (kg) | 27 |