



All-in-one Energy Storage System

HYPER-3000(A)

HYPER-3680(A)

HYPER-5000(A)

- Natural cooling, extremely quiet
- Flexible and easy to expansion
- Elegant Modular and Unified Design
- Flexible Storage Capacity up to 25 kWh
- Smart and easy operation
- Intelligent charging and active balance
- Export Control and Time-of-use Shifting
- Maximized Self-consumption

All-in-one Energy Storage System

| Inverter Model | Hyper-3000(A) | Hyper-3680(A) | Hyper-5000(A) |
|---------------------------------|--|---------------|---------------|
| AC Output @ Grid | | | |
| AC Input Voltage/Frequency | 186 ~ 290Vac/50 or 60Hz | | |
| Nominal AC Power | 3000W | 3680W | 5000W |
| Nominal AC Current | 13.0A | 16.0A | 21.7A |
| THD of AC Current | <3% | | |
| EPS Output @ Off Grid | | | |
| EPS Output Voltage/Frequency | 220Vac/50 or 60Hz, Single Phase | | |
| Continuous Output Power (@25C) | 3kVA | 3.68kVA | 5kVA |
| EPS Output Current | 13.0A | 16.0A | 21.7A |
| Peak Power | 1.1 x Pnom, 10 Sec; 1.5 x Pnom, 100ms | | |
| Power Factor | ~1 (Adjustable from 0.8 Leading to 0.8 Lagging) | | |
| Waveform | Pure Sinusoidal Wave | | |
| THD of AC Voltage | <3% with Resistive Load | | |
| Solar Input | | | |
| Max. PV Voltage | 600V | | |
| MPPT Voltage Range | 125~550V | | |
| Max. PV Current | 14A | 14/14A | 14/14A |
| Max. Short Circuit Current | 17.5A | 17.5/17.5A | 17.5/17.5A |
| Strings Per MPP Tracker | 1 | 1 | 1 |
| No. of MPP Trackers | 1 | 2 | 2 |
| Battery Input | | | |
| Battery Type | Lithium Battery | | |
| Battery Voltage | 40~60V | | |
| Galvanic Isolation for Battery | Yes | | |
| Max Charge Current | 60A | 80A | 100A |
| BMS Communication | CAN | | |
| Protection | Over Voltage, Under Voltage, Over Current, Short Circuit, Over Temperature | | |
| Efficiency | | | |
| Euro Efficiency | 97.1% | 97.4% | |
| Max. Efficiency | 97.6% | 97.8% | |
| Battery Model | | | |
| BLF51-5 | | | |
| Cell Type | LFP | | |
| Nominal Energy | 5kWh | | |
| Max. Depth of Discharge | 90% | | |
| Nominal Voltage | 51.2V | | |
| Operating Voltage Range | 40~58.4V | | |
| Nominal Capacity | 100Ah | | |
| Max. Charge Current | 50A | | |
| Max. Discharge Current | 100A | | |
| Scalability | Up to 5 modules/25kWh | | |