



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		