

ALL IN ONE ENERGY STORAGE SYSTEM

With the most practical functions, remote diagnosis & upgrade and plug & play connectors, this hybrid inverter helps you economize on the time-consuming installations and maintenance with minimized efforts. Its compact design saves your space, while its slim appearance fits your house aesthetics. In addition, this hybrid inverter can be installed as a pure solar inverter now, and retrofit storage later with the lead-acid battery (Split Application) or our lithium battery (All-in-one Application) and can be easily expanded at any time.

- Easy local & remote control
- Flexible and easy to expansion
- Smart and easy operation
- Smart battery management function



Elegant Modular
and Unified Design



Flexible Storage
Capacity up to
25 kWh



Export Control and
Time-of-use
Shifting



Maximized
Self-consumption



Inverter Model	Hyper-3680(A)
AC Output @ Grid	
AC Input Voltage/Frequency	186 ~ 290Vac/50 or 60Hz
Nominal AC Power	3680W
Nominal AC Current	16.0A
THD of AC Current	<3%
EPS Output @ Off Grid	
EPS Output Voltage/Frequency	220Vac/50 or 60Hz, Single Phase
Continuous Output Power (@25C)	3.68kVA
EPS Output Current	16.0A
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	14/14A
Max. Short Circuit Current	17.5/17.5A
Strings Per MPP Tracker	1
No. of MPP Trackers	2
Battery Input	
Battery Type	Lithium Battery
Battery Voltage	40-60V
Galvanic Isolation for Battery	Yes
Max Charge Current	80A
BMS Communication	CAN
Protection	Over Voltage, Under Voltage, Over Current, Short Circuit, Over Temperature
Efficiency	
Euro Efficiency	97%
Max. Efficiency	97.80%
Battery Model	
Cell Type	LFP
Total Energy	5kWh
Max. Depth of Discharge	90%
Recommended Depth of Discharge	80%
Nominal Voltage	51.2V
Operating Voltage Range	40-58.4V
Nominal Capacity	100Ah
Max. Charge Current	50A
Max. Discharge Current	100A
Max. Parallel Number	5 Units