



## SPAZIO All-in-one Energy Storage System



### Ready-to-use

As one package combining inverter, battery and accessories, it enables operation after the plug-in of connectors.



### Compact & Aesthetic

Compact design saves your space, while slim appearance fits your home's aesthetics.



### Modular

The battery system is modular and can be expanded to exactly meet your energy storage demand of future.



## Energy Storage System

SPAZIO hybrid inverter is committed to providing you with a green and intelligent one-stop energy storage solution, which realizes the independent management of photo-voltaic power generation, lithium battery storage, smart electricity use, reliable grid connection etc. The compact design saves your use space, while slim appearance fits your home's aesthetics. IP65 protection level and plug and play installation method are suitable for indoor and outdoor installation requirements in various scenes. The scalability of the battery modular system can be expanded to exactly you're your energy storage demand of future.

## Specifications

Inverter Model	Hyper-3000(A)	Hyper-3680(A)	Hyper-5000(A)
<b>AC Output @ Grid</b>			
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%		
<b>EPS Output @ Off Grid</b>			
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		
<b>Solar Input</b>			
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
<b>Battery Input</b>			
Battery Type	Lithium Battery		
Battery Voltage	40~60V		
Galvanic Isolation for Battery	Yes		
Max Charge Current	60A	80A	100A
BMS Communication	CAN/RS485		
Protection	Over Voltage, Under Voltage, Over Current, Short Circuit, Over Temperature		
<b>Efficiency</b>			
Euro Efficiency	97%		
Max. Efficiency	97.80%		
<b>Battery Model</b>			
<b>BLF51-5</b>			
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		

**Note:** Further modifications may not be notified.