



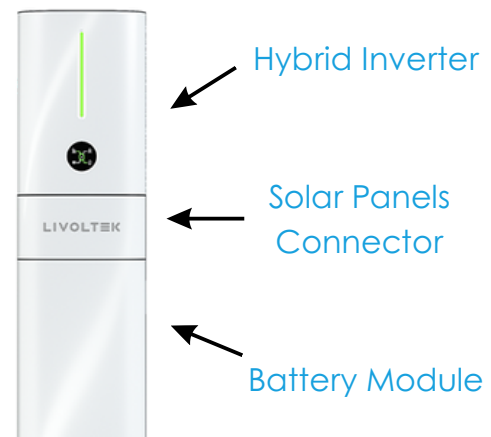
# ALL-IN-ONE ENERGY STORAGE SYSTEM

## Hyper-5000(A)

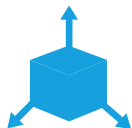
The LIVOLTEK All-in-one ESS combines a hybrid inverter and low-voltage batteries can help you reduce your electricity bills while maximizing energy independence from the grid. It is packed with benefits such as greater energy harvest from PV module, its compact design saves your space, while its slim appearance fits your house aesthetics. In addition, plug and play and free online monitoring enabling faster installations, quicker site mapping to the monitoring platform, and easier maintenance with minimized efforts.

### Features

- Natural cooling
- Extremely quiet
- Flexible and easy to expand
- Smart and easy operation
- Intelligent charging and active balance
- Solar Ready



**Elegant Modular and Unified Design**



**Flexible Storage Capacity up to 25 kWh**



**Export Control and Time-of-use Shifting**



**Maximized Self-consumption**

## Hyper-5000(A)

### ✓ Easy & Fast Installation

Plug and play connection saves 40% installation time

### ✓ Compact & Elegant Design

Unique arc design, support All-in-one or split application

### ✓ Maximized Self-consumption

Less energy using from grid, more from solar power

### ✓ Flexible Storage Capacity

Large energy storage capacity up to 25 kWh

### ✓ Smart EV Charger Protection

Over Voltage/Over Temperature/Overload/Overall Full Protection

### ✓ Easy Local & Remote Control

Remote diagnosis & upgrade minimize the effort of time-consuming manual maintenance



Modular expansion - Up to 25 kWh Active balance



Mobile app and Web access  
for remote monitoring

## Compatible Products



Residential Lithium Battery



Smart EV Charger



PSD200-FI Dongle



Smart Meter



Monitoring System

# R69 995.00

**All Pricing includes VAT, COC & Installation**

**Subject to final Site inspection**

Ts&Cs Apply / E&OE

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J H B

# Specifications

Inverter Model		Hyper-5000(A)
AC Output@ Grid		
AC Input Voltage/Frequency	186 ~ 290Vac/50 or 60Hz	
Nominal AC Power	5000W	
Nominal AC Current	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 )	5kVA	
EPS Output Current	21.7A	
Peak Power	1.1 x Pnom,60 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	100A	
BMS Communication	CAN	
Protection	Over Voltage, Under Voltage, Over Current, Short Circuit, Over Temperature	
Efficiency		
Euro Efficiency	97.4%	
Max. Efficiency	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	