



Livoltek 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.

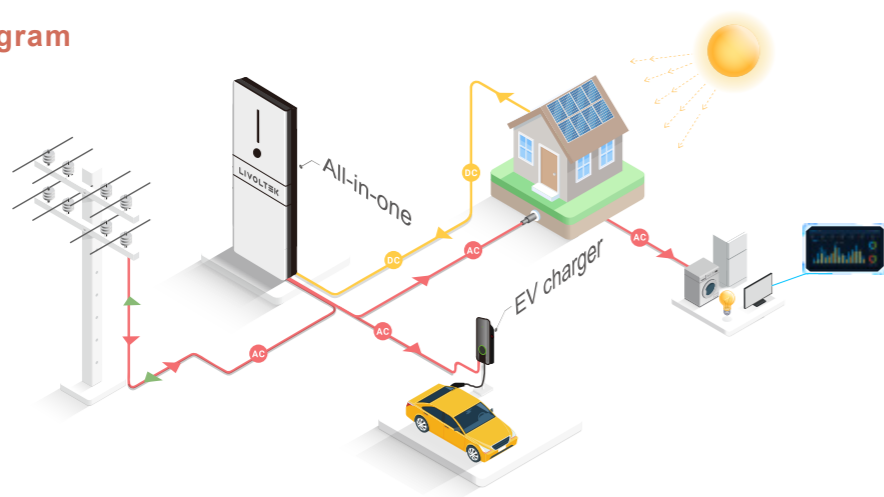


Modular

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



System Diagram



Specifications

Inverter Model	Hyper-3000(A)	Hyper-3680(A)	Hyper-5000(A)
AC Output @ Grid			
AC Input Voltage / Frequency	186 ~ 264Vac/ 50 or 60Hz		
Nominal AC Power	3000W	3680W	5000W
Nominal AC Current	13.0A	16.0A	21.7A
THD of AC Current	<3%		
AC Output @ Off Grid			
AC Output Voltage / Frequency	220Vac / 50 or 60Hz, Single Phase		
Continuous Output Power (@25C)	3kVA	3.68kVA	5kVA
AC Output Current	13.0A	16.0A	21.7A
Peak Power	1.1 x Pnom, 10 sec; 1.5 x Pnom, 100ms		
Power Factor	0.8 inductive to 0.8 capacitive		
Waveform	Pure Sinusoidal Wave		
THD of AC Voltage	<3% with Resistive Load		
Solar Input			
Max. PV Voltage	550V		
MPPT Voltage Range	125-500V		
Max. PV Current	12A	10/10A	10/10A
Max. Short Circuit Current	15A	14/14A	14/14A
Strings per MPP Tracker	1	1	1
Number 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	60A	100A
BMS Communication	CAN/RS485		
Protection	Over Voltage, Under Voltage, Over Current, Short Circuit, Over Temperature		
Efficiency			
Euro Efficiency	96.50%		
Max. Efficiency	97.80%		
Battery Model			
BLF51-5			
Cell Type	LFP		
Total Energy	5 kWh		
Max. Depth of Discharge	90%		
Recommended Depth of Discharge	80%		
Nominal Voltage	51.2 V		
Operating Voltage Range	40-58.4 V		
Nominal Capacity	100 Ah		
Max. Charge Current	50 A		
Max. Discharge Current	100 A		
Max. Paralell Number	5 units		

Note: Further modifications may not be notified.