

# HYPENERGY 60 SERIES

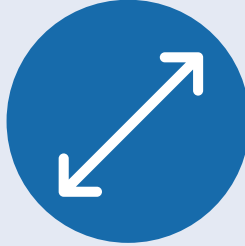


Liquid-Cooled Energy Storage System for  
Commercial and Industrial Applications



### Highly Integrated

Plug and play installation meets peak performance, ensuring streamlined integration and low maintenance



### Scalable

Our modular design enables parallel connections, effortlessly scaling with your energy demands while supporting both on/off-grid applications



### Safe and Reliable

Featuring advanced DC circuit protection and a sophisticated battery management system, our system delivers unparalleled safety and reliability



### Efficient

Experience enhanced efficiency and extended battery life with our advanced liquid-cooled temperature control technology, intelligently operating at the cell level



### Flexible

Supports various load configurations and multiple charge/discharge strategies to cater to diverse energy storage applications.



### User Friendly

Easy to manage with an integrated local controller featuring an intuitive interface that simplifies energy management and monitoring

## System Specifications

SPECIFICATIONS			
	HYPENERGY 6096	HYPENERGY 60144	HYPENERGY 60192
BATTERY CHEMISTRY	Lithium Iron Phosphate		
RATED CAPACITY	96 kWh	144 kWh	192 kWh
RATED POWER	60 kW		
EFFICIENCY	>89 %		
CYCLE LIFE	> 8000		
COOLING METHOD	Liquid-cooling		
IP RATING	IP54		
FIRE PROTECTION SYSTEM	Aerosol fire suppression		
OPERATING TEMPERATURE	-22°F (-30°C) to 131°F (55°C)		
RELATIVE HUMIDITY	10 - 90%		
COMMUNICATION INTERFACE	RS485 Ethernet / CAN		
COMMUNICATION PROTOCOL	Modbus TCP/IP		
DIMENSIONS	63.0 x 56.5 x 86.6 (1600 x 1435 x 2200) inch (mm)		
WEIGHT	~2000 kg (4409 lbs)	~2400 kg (5291 lbs)	~2700 kg (5952 lbs)
CERTIFICATION	UN38.3, IEC 62619, IEC 61000, GB/T 36276, GB/T 34131		
PROTECTION	Reverse protection, DC switch, AC short circuit protection, overheating proection, power grid monitoring, grounding fault monitoring, insulation monitoring, surge protection (level II)		
CONFIGURATION	Standard: PCS, DCDC Optional: Internal MPPT, STS, ATS		
	DC (BATTERY) SPECIFICATIONS		
RATED VOLTAGE	307.2 V	460.8 V	614.4 V
VOLTAGE RANGE	240 - 350.4 V	360 - 525.6 V	480 - 700.8 V
MAX. INPUT POWER	60 kW		
	AC SIDE SPECIFICATIONS		
RATED AC VOLTAGE	400 Vac		
FREQUENCY	50 / 60 HZ		
RATED POWER	60 kW		
RATED CURRENT	103 A		
MAX. AC POWER	72 kW (60S)		
AC/DC CONVERTER CERTIFICATION	CE, EMC, IEC 61000, IEC 62477, EN50549, G99, VDE V 0126-1-1VDE-AR-N 4105, AS/NZS 4777.2:2020, NRS 097-2-1:2017, GB/T 34120, GB/T 34133,		

## Liquid-Cooled Battery Pack

Advanced thermal management with liquid-cooled battery pack, ensuring optimal temperature for maximum safety and performance.

