

# HYPENERGY 125258

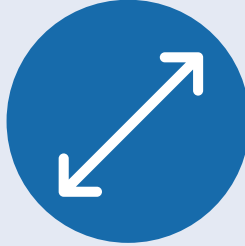


Liquid-Cooled Energy Storage System for  
Commercial and Industrial Applications



### 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

SPECIFICATIONS	
	HYPENERGY 125258
BATTERY CHEMISTRY	Lithium Iron Phosphate
RATED CAPACITY	258 kWh
RATED POWER	125 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	0 -95% (non-condensing)
COMMUNICATION INTERFACE	RS485 / CAN
COMMUNICATION PROTOCOL	Modbus RTU
DIMENSIONS	62.5 x 54.3 x 98.4 (1588 x 1380 x 2500) inch (mm)
WEIGHT	~2950 kg (6503 lbs)
CERTIFICATION	UN38.3, IEC 62619, IEC 61000, GB/T 36276, GB/T 34131
DC (BATTERY) SPECIFICATIONS	
RATED VOLTAGE	921.6 V
VOLTAGE RANGE	720 - 1000 V
MAX. INPUT POWER	125 kW
AC SIDE SPECIFICATIONS	
RATED AC VOLTAGE	400 Vac
FREQUENCY	50 / 60 HZ
RATED POWER	125 kW
RATED CURRENT	182 A
MAX. AC POWER	150 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.

