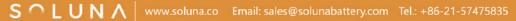
SOLUNA

SOLUNA

POWER DESIGNED FOR NIGHT AND DAY SOLUNA









Soluna 10K PACK LV is a battery solution ideal for residential and small commercial energy storage applications.

The model is adopted by the latest LiFePO4 technology with an intelligent BMS integrated in the fault protection for energy security, offering a capacity of 10kwh which can be installed in parallel up to 12 batteries allowing 1.2MWh of total storage.

With a 10-year warranty and 6000 cycle life, the Soluna 10K pack LV is a flexible, reliable and high performance battery storage solution.

Low Voltage





Scalable to 1.2MWh

Safest LiFePO₄ battery





Long lifespan

Easy Installation





Floor, Wall mounting



TECHNICAL SPECIFICATIONS

PHYSICAL CHARACTERISTICS

Height (mm)	760
Width (mm)	500
Depth (mm)	215
Weight (kg)	100
Installation	Indoor / Outdoor

ELECTRICAL CHARACTERISTICS

Battery type	Lithium LEP
Nominal capacity (Ah)	200
Nominal voltage (V)	51.2
Voltage range (usable) (V)	48 to 57.6
Max. charge/ discharge current(A)	100 / 200
Depth of discharge (DoD) (%)	90
Internal resistance (mΩ)	≤60
Cycle life	≥6000
Battery pack round-trip efficiency (%)	>95
DC disconnect	Contactor / fuse

BMS

51115	
Power consumption	<3W (work)
	<100 mW (sleep)
Monitoring parameters	System voltage
	System current
	Cell voltage
	Cell temperature
Communication	CAN .

OPERATING CONDITIONS

Product and performance

Operating temperature (°C)	-10 to 50
Operating temperature(recommended) (°C)	15 to 30
Storage temperature (recommended)(°C)	15 to 30
Humidity conditions(%)	5 to 95
Altitude(m)	Max. 2,000
Cooling strategy	Natural convection

Altitude(m) Cooling strategy	Natural convection
RELIABILITY AND CERTIFICATION	
Certification	Cell: UL1642 Module: UN38.3 . UL1973. UL9540A IEC62619 . CE RoHS
Transportation	UN38.3
Ingress protection rating	IP 65
System configuration	1 to 120 parallel
WARRANTY	

10-year standard warranty