

EP Series | Industrial Energy Storage System



LSHE Industrial energy storage system (EP Series) is a robust, scalable energy storage system, extendable & fast-constructed.

The system can be “Peak cutting and filling valley” in daily load demand, saving electricity expense. The system can be combined with renewable energy (like PV and wind) or surplus electricity, to storage the energy of over-production, and then supply energy when main energy supply is in shortage. The system can be standby power supply when the main power is shut off.

The system protects against many typical power problems, including power failure, voltage sags/surges, and under/over voltage conditions.



Specification

Model	EP 500	EP 1000	EP 2000	EP 3000L	EP 5000L
Maximum Capacity (kWh)	564/853	1,066/1,705	2,150	3,350	5,218
Maximum Continuous (kW)	250	500	630/1,000	1,500	2,500
Discharging Hours	2-4	2-4	2-4	2-4	2-4
Battery Type	LFP	LFP	LFP	LFP	LFP
Application Type	High Energy	High Energy	High Energy	High Energy	High Energy
Voltage Output (V)	380-400	380-400	380-400	10k	10k and above
Frequency Output (Hz)	50/60	50/60	50/60	50/60	50/60
Cooling Method	Air	Air	Air	Liquid	Liquid
Working Temp (°C)	0-50	0-50	0-50	0-50	0-50
IP Class	IP54	IP54	IP54	IP54	IP54
Noise Level (dB)	<75	<75	<75	<75	<75
A - Length m (ft)	6.1 (20)	7.6 (25)	12.2 (40)	6.1 (20)	12.2 (40)
B - Width m (ft)	2.4 (8)	2.4 (8)	2.4 (8)	2.8 (9.5)	2.8 (9.5)
C - Height m (ft)	2.8 (9.5)	2.8 (9.5)	2.8 (9.5)	2.8 (9.5)	2.8 (9.5)
Weight kg (lbs)	18,000 (39,600)	22,000 (48,400)	29,000 (63,800)	34,000 (75,000)	65,000 (143,000)