

Battery Storage Data Sheet

EXC241



Model	EXC241
Battery type	LiFePO4
Rated charging/discharging current	0.5C
Rated voltage	768 V
Operating voltage range	672-876 V
Battery capacity	314 Ah
Rated capacity	241 kWh
System configuration	1P240S

Power grid service

Frequency control



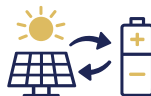
Energy independence

Meeting your own demand



Energy trading

Spot market



Backup power supply

Stabilize your electricity supply



AC Output: Plugged in / Unplugged

Rated power	120 kW
Maximum output power	190.5 A
Rated grid voltage	3/N/PE, 230/400V
Rated grid frequency	50 Hz
Power factor	> 0.99
Adjustable power factor range	0.9 (leading) – 0.9 (lagging)
General Information	
Protection rating (IP)	IP54
Battery cooling	Liquid cooling system
Fire protection system	Fire protection using aerosol and water
Relative humidity	0-95%, no condensation
Operating temperature	-20 – 55°C (>50 °C power reduction)
Elevation	< 2000m (otherwise, a reduction in power)
Communication	Modbus TCP or individual
Weight	2350 kg
Dimensions (W x D x H)	1000*1265*2350 mm

sunaffairs s.r.o.

Vyšehradská 1711/20 128 00 Prague,
Czech Republic