

HOME ENERGY STORAGE

LS-L2048

Stackable battery · 2.048 kWh


2.048 kWh
ENERGY CAPACITY

51.2 V
NOMINAL VOLTAGE

6000 cycles
CYCLE LIFE

IP65
PROTECTION CLASS

Parameter	Unit	LS-L2048
Battery		
Nominal energy capacity	Wh	2048
Nominal voltage	V	51.2
Operating voltage range	V	40 – 58.4
Cell type		LiFePO4
Cycle life	cycles	6000
Max. expandable energy	Wh	6144
Max. parallel units		3
General data		
Dimensions (W x H x D)	mm	320 × 346 × 200
Weight	kg	17.7
Ingress protection (IP rating)		IP65
Charging temperature range	°C	0 – 55
Discharge temperature range	°C	–20 – 60
Cooling		Natural cooling
Low-temperature heating		Optional
Fire protection		Built-in fire extinguisher (optional)
Warranty	years	5
Communication		
Communication interfaces		CAN; RS485
Certifications		
Certifications and standards		CE (EMC, GPSR); RoHS; UKCA; UN38.3; MSDS
Standards		EN IEC 62619:2022; EN IEC 61000-6-1:2019; EN IEC 61000-6-2:2019; EN IEC 61000-6-3:2021; EN IEC 61000-6-4:2019; IEC 62321-3-1:2013; IEC 62321-4:2013+AMD1:2017; IEC 62321-5:2013; IEC 62321-7-1:2015; IEC 62321-7-2:2017; IEC 62321-6:2015; IEC 62321-8:2017

Specifications are subject to change without notice. Values are typical at 25 °C unless stated.

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