



FOGSTAR ENERGY
Server Rack Battery



ESR51.2V 5.12KWH

Specifications

Rated Voltage	51.2v
Charge Limited Voltage	57.6v
BMS	PACE 100A
LiFePO4 Cells	EVE LF100LA (Grade A)
Nominal Capacity	100ah
Minimum Capacity	96ah
Maximum Charge Current	100A
Rated Energy	5.12Kwh
Maximum Discharge	100A
Discharge Cut-off Voltage	43.2V
Discharge Temperature	-20°c to 60°c
Charging Temperature	-20°c to 45°c (heater enabled)
Storage Temperature	1 Month: -20°c ~ 60°c 3 Months: -10°c ~ 40°c 1 Year: -5°c ~ 20°c
Relative Humidity	45% ~ 85% RH
Cell Configuration	16S1P
Cycle life	4000 Cycles @ 80% DOD 6000 Cycles @ 50% DOD
Communication Port	CAN, RS485, RS232
Design life	15 years
Weight	45.2kg
Preloaded inverter Protocols	Victron, Pylontech, Growatt, Solis, Goodwe.
Rack Unit Size	3U
Price per kWh	£263.00

