

## LiFe4851

Nominal DC Voltage	51.2V
Operational Voltage Window	43.2V to 56.0V
Nominal Capacity	5120Wh
Useable Capacity	5120Wh
Recommended Useable Capacity	4608Wh
Depth of Discharge	100%
Recommended Depth of Discharge	90.0%
Continuous Discharge C Rate	1C
Maximum Continuous Discharge Current	100A
Maximum Discharge Current	150A 30s
Maximum Continuous Charge Current	100A
Maximum Charge Current	125A 30s
Battery Fault Current	1750A
Circuit Breaker	2-Pole 125A C-Curve
Arc Flash Incident Energy	0.07cal/cm <sup>2</sup>
Arc Flash Incident Energy Protection Boundary	10.56cm
PPE Category	0
Lithium Composition	LFP
Operating Temperature Range	-20°C to 80°C
Recommended Maximum Ambient Temperature Range	-10°C to 50°C
Operating Humidity	95% Non-Condensing
BMS Under/Over-Volt Module Level Protection	43.2V to 60.8V
BMS Under/Over-Volt Cell Level Protection	2.7V to 3.8V
BMS Over/Under-Temp Cut Off	-20°C to 80°C discharge, 0°C to 65°C charge
Altitude	4000m
Battery Mounting Options	Rack Mount, Side Mount
Terminal Connections	DEGSON ESS-150A-35-B/S
IP Rating	IP20
Efficiency	96%
Cooling	Natural Convection
Parallel Connection	Up to 16 CAN, Up to 48 RS485
Series Connection	Not Permitted
Alarm Output	CAN/RS485/LED
Communications	CAN/RS485
Module Weight	43.0kg
Battery Dimensions	440mm D x 430mm W x 131mm H



Specifications correct at time of publication and are subject to change. Refer to website for latest information.