

JM

All-round system designed to ensure maximum device compatibility

Universal LFP 48 V Battery system



Technical specifications

Parameter	Standard		
Nominal voltage	48 V		
Cell configuration	15S2P		
Cell type	LFP cylindrical		
Charging method	CC/CV (constant current / constant voltage)		
Charging level after 60 min.	~50%		
Nominal capacity	30 Ah		
Nominal energy	1440 Wh		
Nom. charge current	15 A		
Max. charge current	30 A		
Max. charge voltage	54.75 V		
Nom. continuous discharge current	40 A		
Max. continuous discharge current - peak	90 A		
Cut-off voltage	37.5 V		
Charge operating temperature	0...55°C		
Discharge operating temperature	-20...60°C		
Storage	1 month: -20...45°C	3 months: 0...45°C	1 year: 0...25°C
Communication	CAN		
Ingress protection level	IPX4		
Modularity (number of batteries in parallel)	up to 10		
Weight	~12 kg		
Dimensions (L x W x H)	475 x 170 x 135 mm		



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