

Model No.	M12-100	M12-200	M12-400
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Electrical

Nominal voltage (VDC)		12.8		
Nominal capacity (Ah)		100	200	400
Energy (kWh)		1.28	2.56	5.12
Charging @25°C	Charge voltage (VDC)	14.2		
	Recommended charge current (A)	50	100	200
	Max charge current (A)	100	200	200
Discharging @25°C	Nominal discharge current (A)	100	200	200
	Max discharge current (A)	150 (30mins)	300 (10mins)	300 (10mins)
	Discharge cut-off voltage (VDC)	11.6	11.2	11.2
Operating cell temperature	Charging	2°C ~ 60°C		
	Discharging	-30°C ~ 60°C		
Built in heater element	Optional			Yes
Parallel connection	Max 8pcs			
Operating humidity	10%~90% RH			
IP class	IP20			
Certifications	UN38.3 / CE			UN38.3 / CE / UL
Dimensions (L x W x H) (mm)	310 x 165 x 187	380 x 225 x 325	462 x 237 x 320.5	
Weight (kg)	10.8	25.2	42.5	

