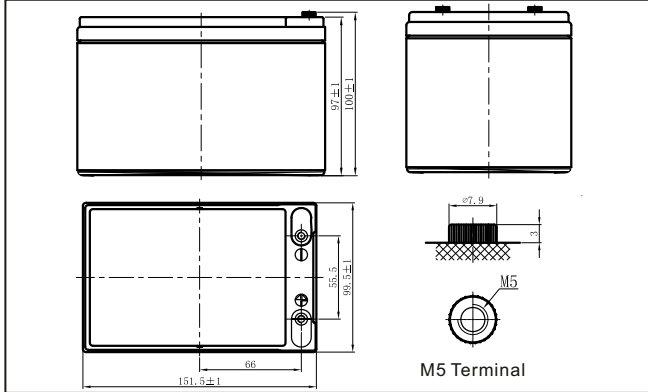


MRW 12-24/G is specially designed for motive power applications, i.e. electric bikes/scooters, electric tricycles, electric motorcycles and other device require DC power source. It adopts international leading technologies to ensure the batteries with features of long cycle life, large current discharge capability, high reliability and safety, and environmental-friendly.

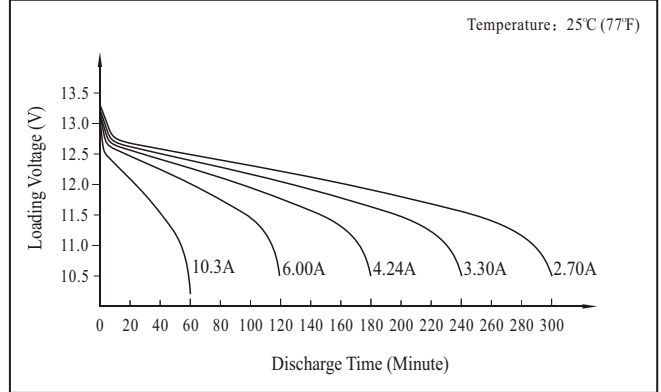


Outer dimensions (mm)



Terminal Type (mm)

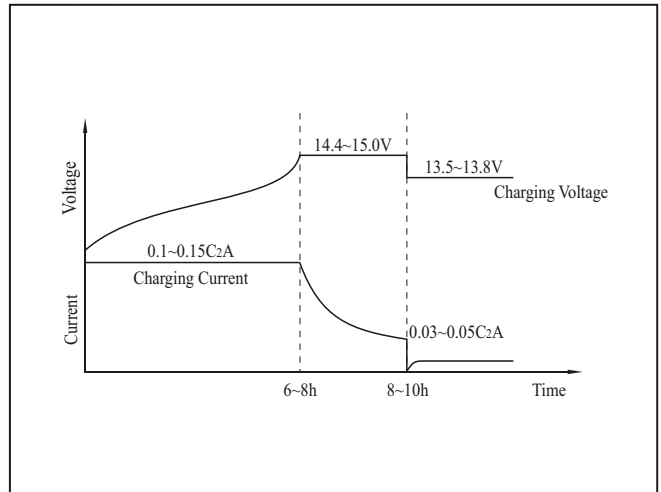
Discharge Characteristics



Specifications

Nominal Voltage		12V
Rated capacity (10HR)		14Ah
Dimensions	Length	151.5±1mm(7.13 inch)
	Width	99.5±1mm(3.92 inch)
	Height	97±1mm(3.82 inch)
	Total Height	100±1mm(3.94 inch)
Weight Approx.		4.2 kg(9.26 lbs)±3%

Charging Characteristics



Electrical Specification

Rated Capacity					Capacity Affected by		
10HR(1.4A)	5HR(2.70A)	2HR(6.0A)	1HR(10.3A)	0.5HR(16.7A)	40°C (104°F)	25°C (104°F)	0°C(32°F)
14.0AH	13.5AH	12.0AH	10.3A	8.35AH	102%	100%	85%

Constant Current (Amp) and Constant Power (Watt) Discharge Table											Temperature: 25°C (77°F)
Discharge Time(min) Final Volt-age / Cell	20	30	45	60	90	120	180	240	300	360	600
Constant Current Constant Power / Cell	1.60	1.60	1.60	1.67	1.70	1.75	1.75	1.75	1.75	1.75	1.80
Current (Amp)	21.2	16.7	12.7	10.3	7.56	6.00	4.24	3.30	2.70	2.29	1.44
Power (Watt)	38.0	30.3	23.5	19.6	14.4	11.5	8.21	6.40	5.27	4.48	2.85

The data in this document is subject to change without notice. Please contact Mervesan for the latest available version.