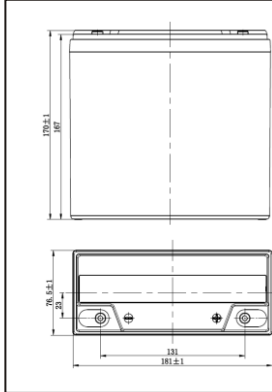


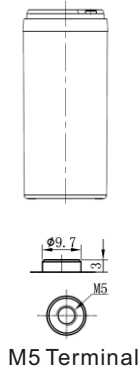
MRW 12-24/G is specially designed for motive power applications, i.e. electric bikes/scooters, electric tricycles, electric motorcycles and other device require DC power source. It adopts international leading technologies to ensure the batteries with features of long cycle life, large current discharge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



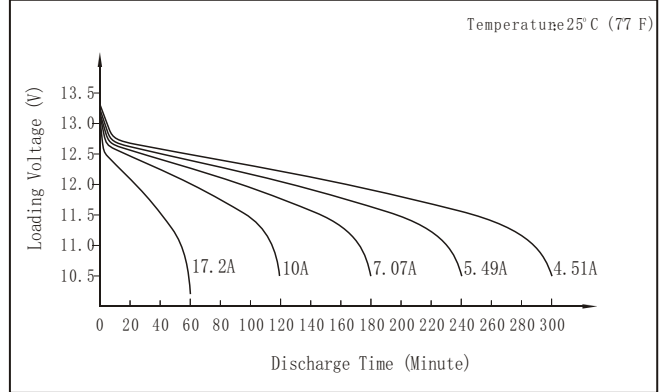
Outer dimensions (mm)



Terminal Type (mm)



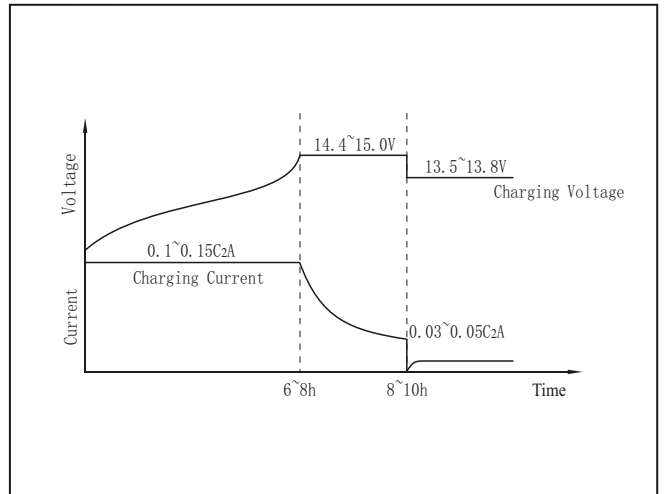
Discharge Characteristics



Specifications

Nominal Voltage		12V
Rated capacity (10HR)		24Ah
Dimensions	Length	181±1mm(7.13 inch)
	Width	76.5±1mm(3.01 inch)
	Height	170±1mm(6.69 inch)
	Total Height	170±1mm(6.69 inch)
Weight Approx.		7.0 kg(15.43 lbs)±3%

Charging Characteristics



Electrical Specification

Rated Capacity					Capacity Affected by		
10HR(2.40A)	5HR(4.52A)	2HR(10.0A)	1HR(17.2A)	0.5HR(27.8A)	40°C (104°F)	25°C (104°F)	0°C(32°F)
24.0AH	22.6AH	20.0AH	17.2A	13.9AH	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)	35.4	27.8	21.2	17.2	12.6	10.0	7.07	5.49	4.51	3.82	2.40
Power (Watt)	63.3	50.5	39.2	32.6	24.0	19.2	13.7	10.7	8.78	7.47	4.74

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