

Electric Vehicle Battery G-ride



Performance Specifications

	EV 12-12	EV 20-12
Nominal Voltage (V)	12	12
Nominal Capacity (AH)		
10 hour rate (1.70 vpc)	12.00 (1.2A)	24 (2.4A)
3 hour rate (1.50 vpc)	10.50 (3.5A)	20 (6.7A)
2 hour rate (1.50 vpc)	9.00 (4.5A)	17 (8.5A)
Approximate Weight (Kg)	4.0	6.8
Terminal Details	Fast on strap	Screw type
Internal Resistance (milli Ω)	16	12
Normal Operating Temperature	+20° C to +30° C	+20° C to +30° C
Operating Temperature limits	-20° C to + 50° C	-20° C to + 50° C
Container Material	ABS	ABS
Dimensions (mm/inch)		
Length ± 1 mm	151 / 5.94	182 / 7.17
Width ± 1 mm	98 / 3.86	76.5 / 3.01
Height ± 1 mm	96 / 3.76	171 / 6.73
Cycle Life @ 25°C * Subject to conditions	300 Cycles at C/2 Rate of discharge to end 60% of rated capacity (As per the Standard of People's Republic of China GB/T22199-2008 - Sealed Lead Acid Battery used for Electric Moped).	
Applications	E-Bike, Electrical Scooter Solar Power Rickshaw	
Charging Characteristics	CC-CV Mode with Boost charge voltage of 14.7V and Float voltage of 13.6V. Minimum Charging current / Charger Rating: 15% of rated capacity	



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