



ENERWATT

GEL12-27.6

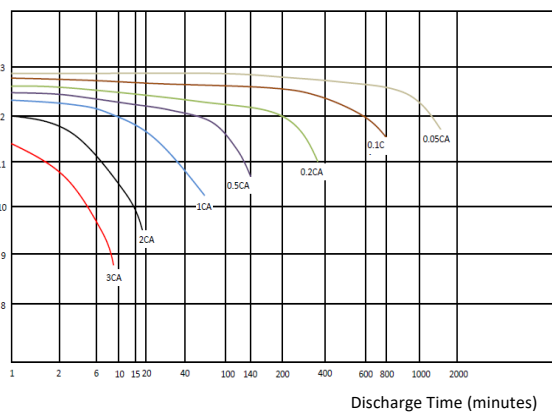


DZM Series VRLA Gel Battery is specially designed for motive power applications, i.e. electric bicycles, electric tricycles, electric motorcycles and other device require DC power source. The DZM Series adopts international leading technologies to ensure the batteries with features of long cycle life, large current discharge capability, high reliability and safety, and environmental-friendly.

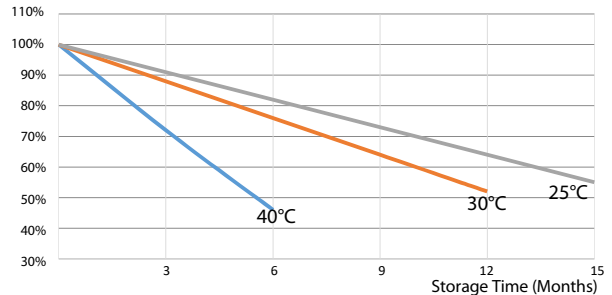
SPECIFICATION

Nominal Voltage (V)	12V	
Open Circuit Voltage (V/Block)	13.1V - 13.45V	
Number of Cells (Per Block)	6 Cells	
Rated Capacity (Ah, 25°C)	2h rate (to 1.75V/Cell)	20Ah
	3h rate (to 1.75V/Cell)	21.1Ah
	5h rate (to 1.80V/Cell)	22.7Ah
	20h rate (to 1.85V/Cell)	27.6Ah
Nominal Weight (Kgs)	Approx. 7.0 Kgs	
Dimension (L X W X H, Total Height. mm)	(181mm±2) X (77mm±2) X (170mm±2), (172mm±2)	
Container Material	Enhanced ABS	
Charge Voltage	Float (V/Block)	13.50V - 13.80V
	Cycle (V/Block)	14.50V - 14.80V
Maximum Discharge Current (A)	150A (5s)	
Maximum Charge Current (A)	2.7A	

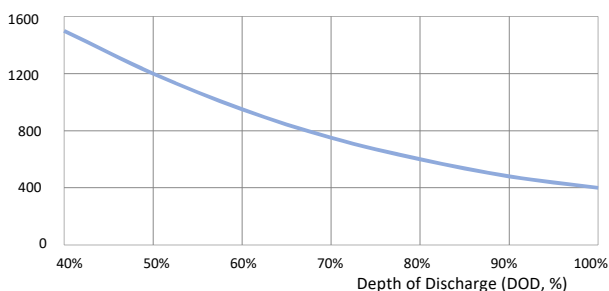
Discharge Curves at Different Discharge Rate (25°C)
Voltage (V)



Capacity Retention Characteristics



Cycle Life vs. Depth of Discharge



Number of Cycles vs. Capacity

