

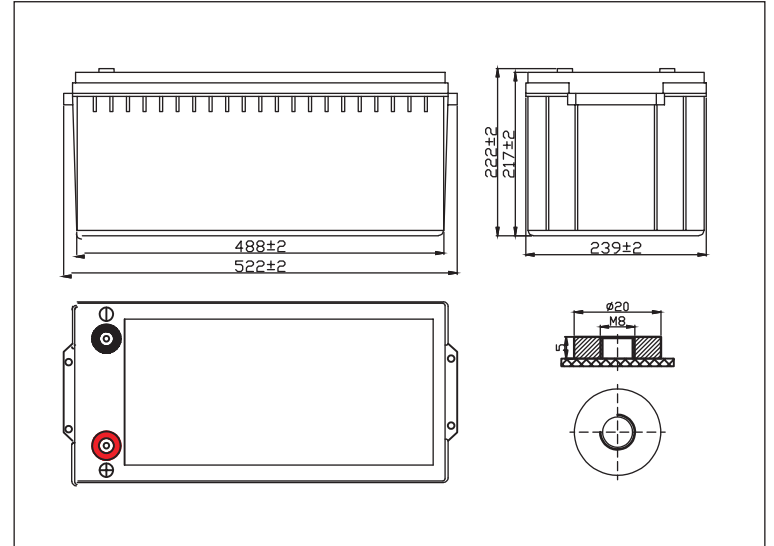


SPECIFICATIONS

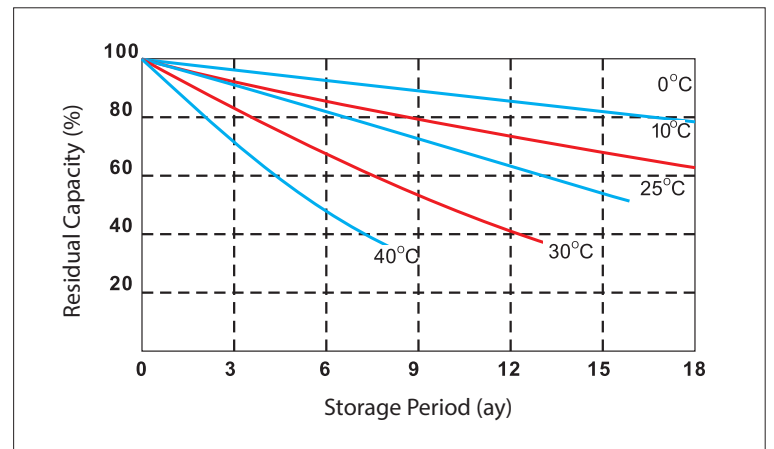
Nominal Voltage	12V	
Capacity (25°C)	10 hours rate (20A)	200Ah
Discharge Current Testing (25°C)	1 hours rate (110A)	123Ah
	3 hours rate (50A)	165Ah
Internal Resistance	Full Charged Battery 250C	3.4mΩ
Capacity Affected By Temperature	40°C	104%
	25°C	100%
	0°C	83%
	-15°C	65%
Residual Capacity (25°C)	Capacity After 3 Months Storage	91%
	Capacity After 6 Months Storage	82%
	Capacity After 12 Months Storage	65%
Charge (Constant voltage)	Cycle (25°C)	Initial Charging Current Less Than 60A Voltage 14.5~14.9V
	Float (25°C)	Charge Voltage 13.6~13.8V
Weight (Approx)	60.2kg	

PLANE CHART

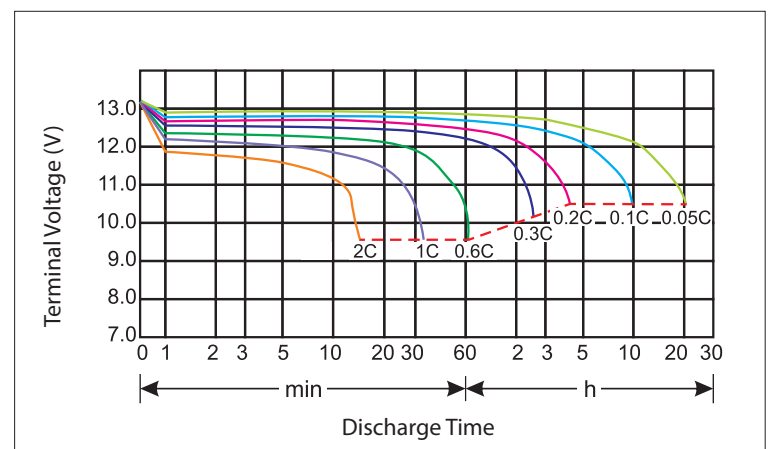
Unit: (mm) Terminal Type: (T3)



RESIDUAL CAPACITY

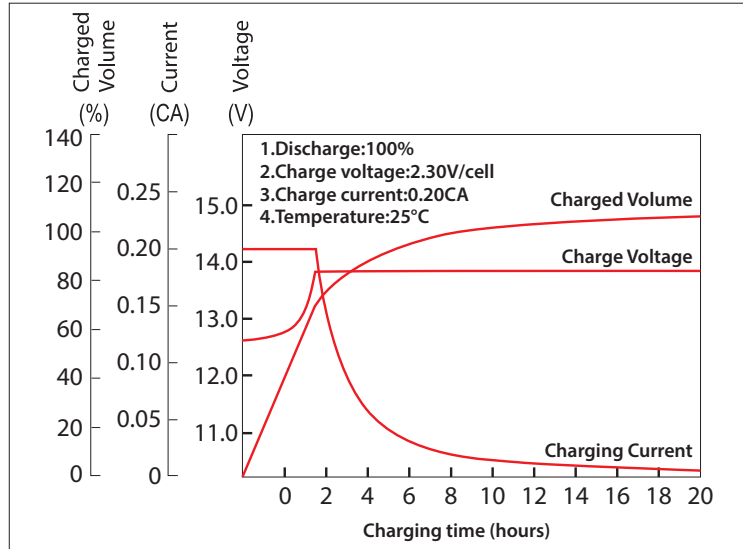


DISCHARGE CURRENT 25°C

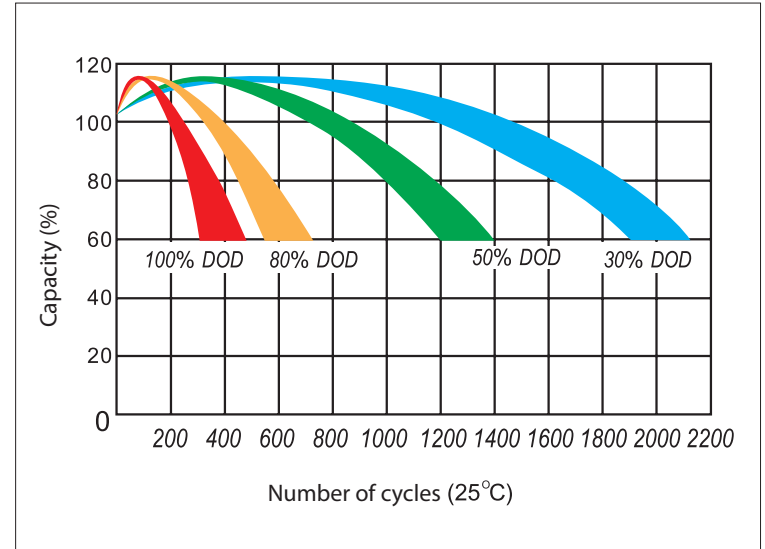


 TR EN 60896-21/22		 MH26866
 ISO14001	 ISO9001	

CONSTANT VOLTAGE CHARACTERISTICS



CYCLE SERVICE LIFE IN RELATION TO THE DEPTH OF DISCHARGE



CONSTANT CURRENT DISCHARGE CHARACTERISTICS (A, 25°C)

F.V/Time	15min	30min	60min	2h	3h	4h	5h	8h	10h	20h
9.60V	301.5	207.9	123.4	72.4	54.5	41.4	37.8	25.7	20.3	10.4
10.2V	289.5	200.0	119.3	71.3	53.0	40.9	36.6	25.1	20.2	10.3
10.5V	276.5	195.0	115.2	70.7	52.6	40.6	36.3	24.6	20.1	10.3
10.8V	265.4	190.1	110.5	69.8	51.9	39.4	35.9	24.1	20.0	10.2

CONSTANT POWER DISCHARGE CHARACTERISTICS (Watts/Block, 25°C)

F.V/Time	15min	30min	60min	2h	3h	4h	5h	8h	10h	20h
9.60V	3256.2	2332.4	1357.4	837.5	632.6	487.1	439.6	293.0	239.6	122.8
10.2V	3184.5	2239.4	1336.2	824.7	622.7	481.1	432.6	288.7	238.5	121.8
10.5V	3069.2	2187.9	1301.8	817.7	617.8	477.2	428.7	287.8	237.6	120.8
10.8V	2972.5	2127.5	1259.7	807.8	610.8	463.3	424.7	284.4	236.8	120.8

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Battery Type		-20°C	-10°C	0°C	5°C	10°C	20°C	25°C	30°C	40°C	45°C
Gel Battery	12V	50%	70%	83%	85%	90%	98%	100%	102%	104%	105%