



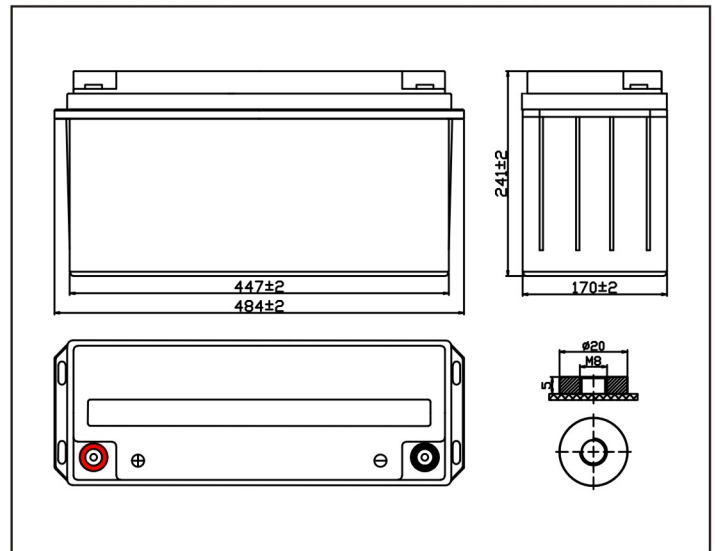
INDUSTRIAL BATTERY - VRLA-AGM BATTERY - MEDIUM AND LARGE SERIES

MODEL: EG150-12A



Plane Chart:

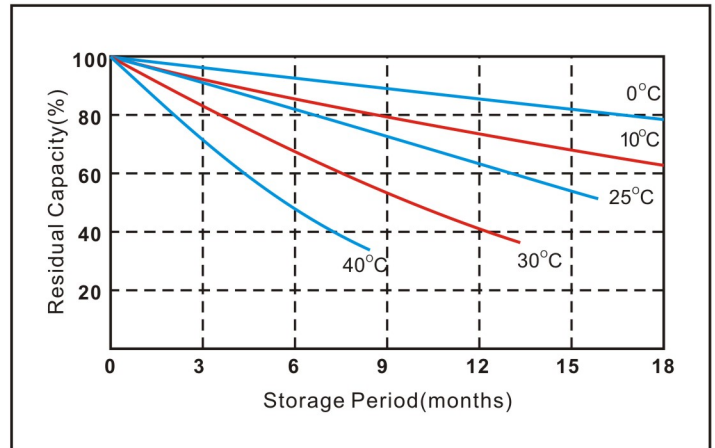
Unit:(mm) Terminal type:(T3)



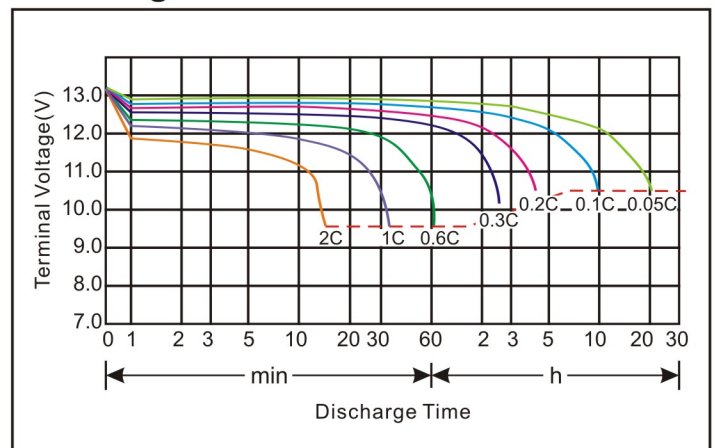
Parameter Chart:

Volts		12V	
Capacity(25°C)		10 hours rate (15A)	150Ah
Discharge Current Testing (25°C)		1 hours rate (82.5A)	86Ah
		3 hours rate (37.5A)	117Ah
Internal Resistance		Full Charged Battery 25°C	4mΩ
Design Life(25°C)		12 years	
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 45A Voltage 14.5~14.9V	
	Float (25°C)	Charge Voltage 13.6~13.8V	
Weight (Approx)			44Kg

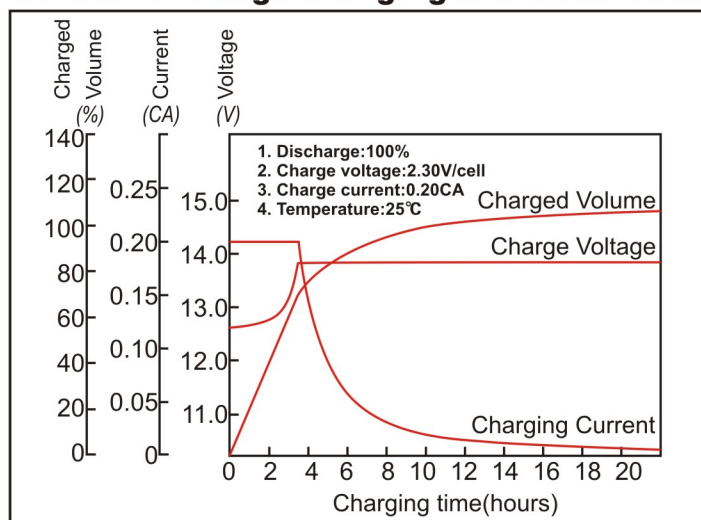
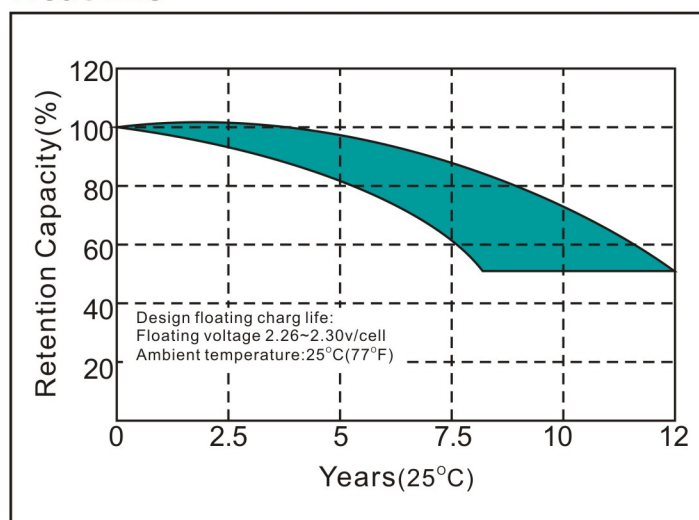
Residual Capacity



Discharge Current 25°C



★The above are average and data obtained from the first 3 charge/discharge cycles. These are not minimum values.

**MODEL: EG150-12A****Constant voltage charging characteristics****Float Life****Constant Current Discharge Characteristics(A,25°C)**

F.V/Time	15min	30min	60min	2h	3h	4h	5h	8h	10h	20h
9.60V	265.3	154.8	90.5	54.8	40.5	32.7	27.6	18.6	15.5	7.9
10.2V	233.6	139.4	87.2	51.5	38.8	31.0	26.8	18.1	15.2	7.9
10.5V	215.6	133.2	85.6	49.5	36.8	30.6	25.9	17.8	15.1	7.8
10.8V	196.5	126.7	79.6	47.2	36.2	29.6	25.3	17.6	15.0	7.7

Constant Power Discharge Characteristice(Watt,25°C)

F.V/Time	15min	30min	60min	2h	3h	4h	5h	8h	10h	20h
9.60V	2802.1	1707.1	1024.1	627.2	476.3	380.5	320.5	220.5	186.6	96.2
10.2V	2534.2	1561.3	955.6	595.6	447.8	363.6	309	215.7	182.4	94.5
10.5V	2382.7	1490.7	918.6	569.3	433.8	353.9	301.7	212.7	181.8	92.8
10.8V	2165.8	1410.7	872.6	544.7	419.9	343.6	295.7	209.6	179.9	92

Capacity Factors With Different Temperature

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

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