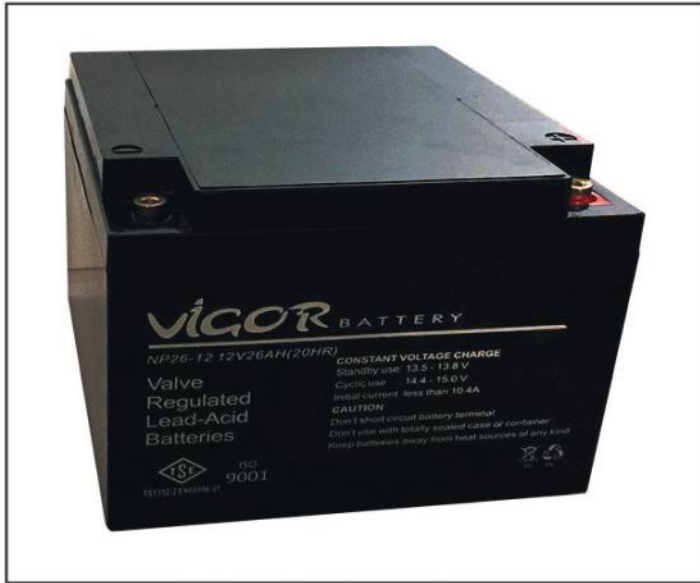


# VIGOR BATTERY

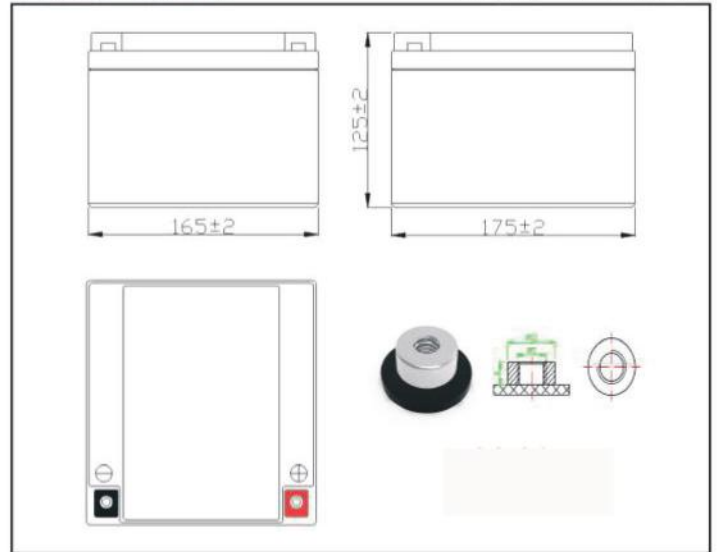
# VALVE REGULATED LEAD ACID BATTERY

**Model No : NP 26 -12 12 V 26 AH**



## Plane Chart:

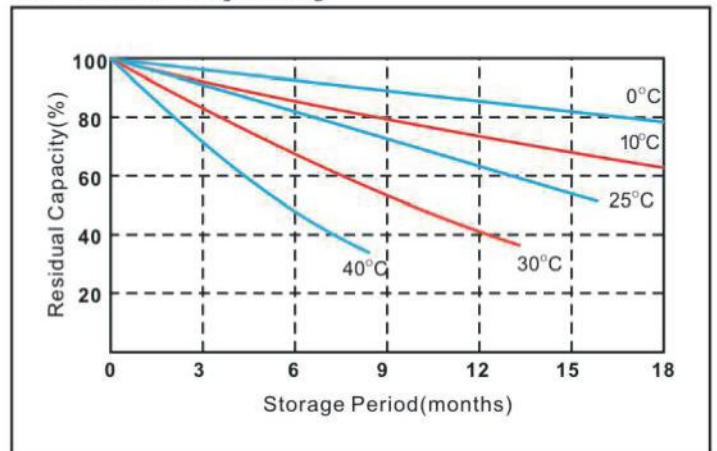
Unit:(mm) Terminal type:T0(M5)



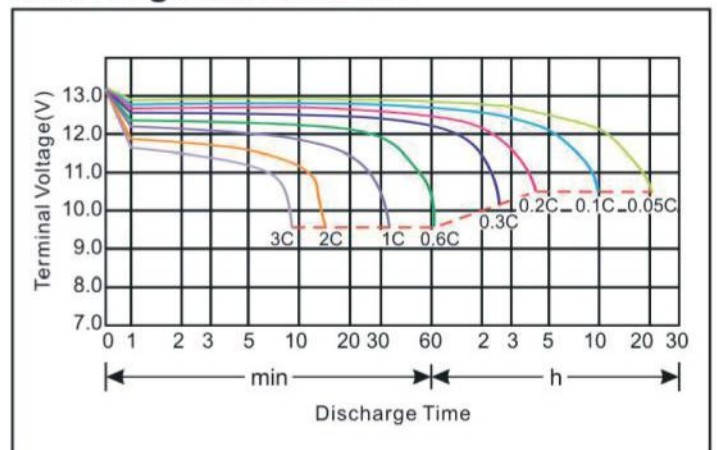
## Parameter Chart:

Volts		12V	
Capacity(25°C)	(K20) 20 hours rate (1.3A)	26Ah	
Discharge Current Testing (25°C)	20 I <sub>20</sub> rate (26A,27min)	34min	
	60 I <sub>20</sub> rate (78A,7min)	8min	
Internal Resistance	Full Charged Battery 25°C	10mΩ	
Capacity Affected By Temperature	50°C	104%	
	25°C	100%	
	0°C	83%	
	-20°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 7.8A Voltage 14.5~14.9V	
	Float (25°C)	Charge Voltage 13.6~13.8V	
Weight (+-%2)		8.05 Kg.	

## Residual Capacity



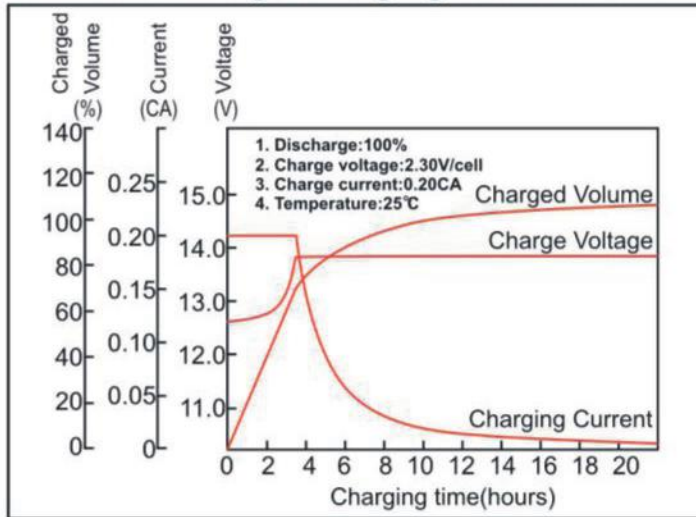
## Discharge Current 25°C



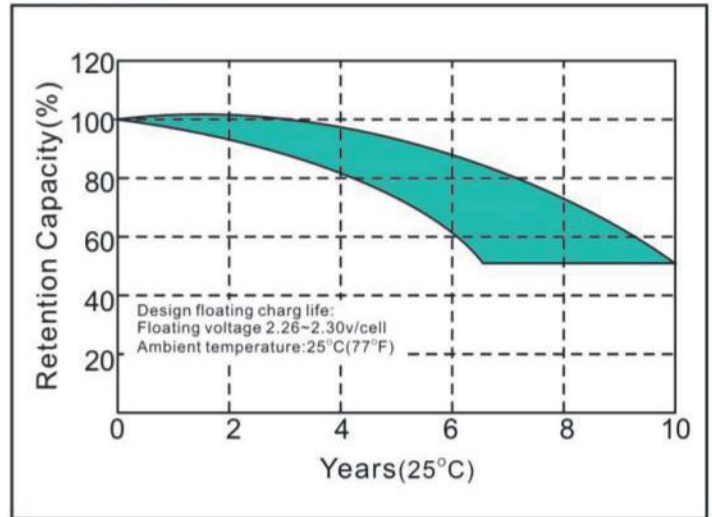
★The above are average and data obtained from the first 3 charge/discharge cycles. These are not minimum values.

## Model No : NP 26 -12 12 V 26 AH

### Constant voltage charging characteristics



### Float Life



### Constant Current Discharge Characteristics(A,25°C)

F.V/Time	5min	10min	15min	30min	60min	2h	3h	4h	5h	10h	20h
9.60V	97,3	61,7	48,2	27,1	16,7	9,32	6,44	5,33	4,53	2,46	1,32
9.90V	94,4	59,8	47,0	26,6	16,4	9,26	6,41	5,30	4,51	2,45	1,31
10.2V	90,5	57,3	45,3	25,8	16,0	9,18	6,36	5,26	4,48	2,44	1,31
10.5V	86,6	54,9	43,7	25,2	15,7	9,04	6,32	5,23	4,45	2,43	1,30
10.8V	81,8	51,8	41,4	24,2	15,2	8,81	6,13	5,07	4,31	2,38	1,27

### Constant Power Discharge Characteristic(Watt,25°C)

F.V/Time	5min	10min	15min	30min	60min	2h	3h	4h	5h	10h	20h
9.60V	1086	696	549	311	193	109	76,6	63,5	54,1	29,5	15,8
9.90V	1054	675	536	305	190	108	76,1	63,1	53,8	29,4	15,8
10.2V	1010	647	516	295	186	107	75,6	62,7	53,5	29,3	15,7
10.5V	967	619	498	288	182	106	75,1	62,2	53,1	29,1	15,6
10.8V	912	584	472	278	176	103	72,8	60,4	51,5	28,5	15,3

### 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%

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



**MSDS**