Power your life

Valve Regulated Lead Acid Battery

WP26-12NE

Specifications

Nominal Voltage(V)

12V

Nominal Capacity

20 hour rate	(1.3A	to	10.50V)	26Ah
10 hour rate	(2.47A	to	10.50V)	24.7Ah
5 hour rate	(4.42A	to	10.20V)	22.1Ah
1 C	(26A	to	9.60V)	14.73Ah
3 C	(78A	to	9.60V)	10.4Ah

Weight

Approx. 9.3kg(20.5Lbs.)

Internal Resistance (at 1KHz)

Approx. 11 mΩ

Maximum Discharge Current for

5 seconds: 390A

Charging Methods at 25℃(77℉)

Cycle use:

Charging Voltage	14.4 to 15.0V
Coefficient -5.0mV/℃/cell	
Maximum Charging Current：	7.8A

Standby use:

Float Charging Voltage	13.5 to 13.8V
Coefficient -3.0mV/℃/cell	

Operating Temperature Range

Charge	-15℃(5℉)	to	40℃(104℉)
Discharge	-15℃(5℉)	to	50℃(122℉)
Storage	-15℃(5℉)	to	40℃(104℉)

Charge Retention (shelf life) at 20℃(68℉)

1 month	97%
3 month	92%
6 month	85%

Case Material

ABS UL94 HB

Option: Flammability resistance of (UL94 V-0)

Terminal

F6



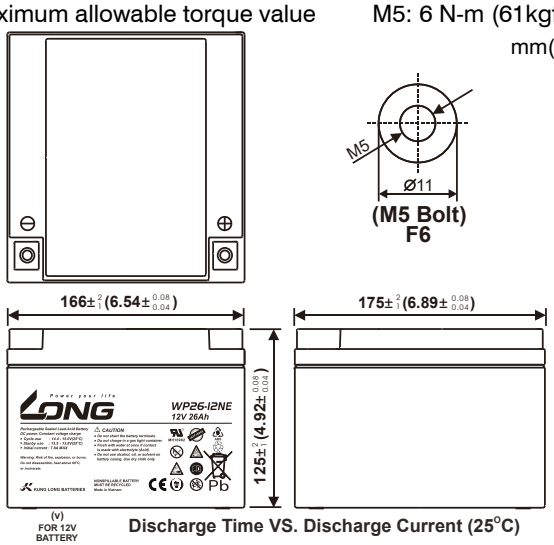
Dimensions

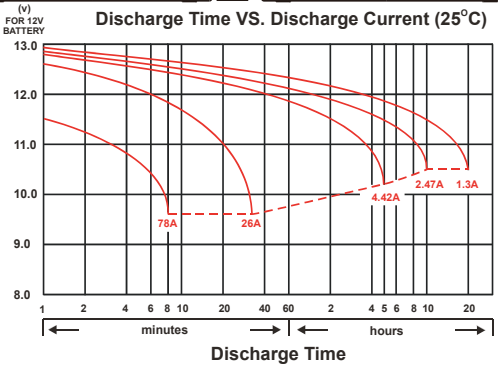
Length (L)	$166\pm^{2}_{1}(6.54\pm^{0.08}_{0.04})$
Width (W)	$175\pm^{2}_{1}(6.89\pm^{0.08}_{0.04})$
Height (H)	$125\pm^{2}_{1}(4.92\pm^{0.08}_{0.04})$
Overall Height (HT)	$125\pm^{2}_{1}(4.92\pm^{0.08}_{0.04})$

Description of torque value of hardware for the terminals:

Recommended torque value	M5: 4 N-m (41kgf-cm)
Maximum allowable torque value	M5: 6 N-m (61kgf-cm)

mm(inch)

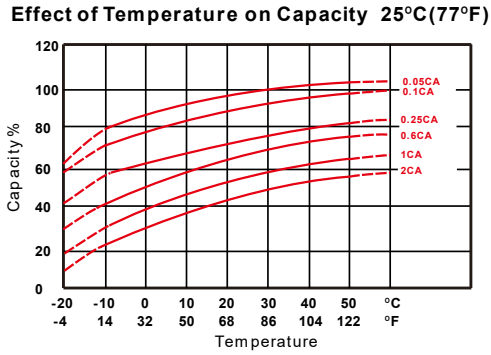


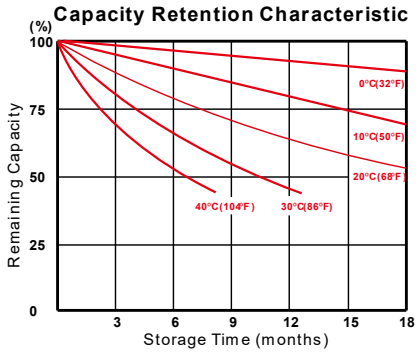


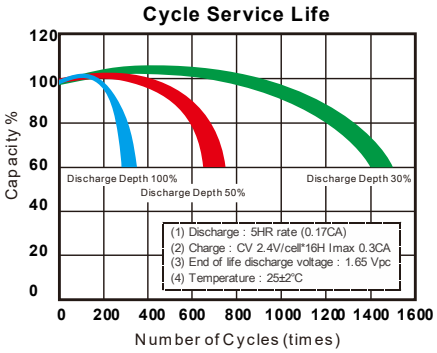
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- PERFORMANCE DATA

Discharge Rates in Watts to Various End Voltages at 25℃(77℉)

Time \ End Voltage		1.85V	1.80V	1.75V	1.70V	1.67V	1.65V	1.60V
5	min	139	155	166	177	183	188	199
10	min	103	110	116	121	124	127	131
15	min	73.8	80.8	85.5	89.4	91.3	93.1	96.5
30	min	39.7	42.8	45.7	47.7	48.5	49.3	50.3
60	min	28.2	29.8	31.2	32.2	32.5	32.8	33.2
120	min	18.3	19.2	19.7	20.2	20.3	20.6	20.7
180	min	12.6	12.9	13.1	13.3	13.4	13.5	13.5
240	min	10.2	10.4	10.6	10.7	10.8	10.8	10.9
300	min	8.60	8.65	8.82	8.95	9.01	9.05	9.11
600	min	5.02	5.15	5.25	5.32	5.35	5.38	5.42
1200	min	2.58	2.67	2.74	2.78	2.80	2.82	2.83

- Discharge Rates in Amperes to Various End Voltages at 25℃(77℉)

Time \ End Voltage		1.85V	1.80V	1.75V	1.70V	1.67V	1.65V	1.60V
5	min	73.8	85.2	94.8	102	105	107	110
10	min	53.9	60.2	63.3	66.2	68.3	70.2	72.6
15	min	38.4	43.8	47.1	49.8	51.5	52.1	53.3
30	min	22.2	24.6	25.9	27.2	27.9	28.4	29.4
60	min	14.9	15.7	16.2	16.6	16.8	17.0	17.2
120	min	9.16	9.43	9.62	9.83	9.92	10.0	10.1
180	min	6.38	6.56	6.65	6.75	6.79	6.84	6.91
240	min	5.21	5.36	5.49	5.60	5.63	5.68	5.74
300	min	4.43	4.54	4.63	4.70	4.72	4.74	4.77
600	min	2.47	2.55	2.62	2.67	2.69	2.72	2.75
1200	min	1.26	1.32	1.37	1.41	1.43	1.44	1.46

All data on the spec. sheet is an average value:
The tolerance range : X<6min(+15%~-15%), 6min≦X<10min(+12%~-12%),10min ≦X < 60min(+8% ~-8%), X≧60min(+5%~-5%)

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