

## WP26-12 12Volt 26Ah

### Specifications

Nominal Voltage(V) **12V**

#### Nominal Capacity

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

Weight **Approx. 9.3kg(20.46Lbs.)**

Internal Resistance (at 1KHz) **Approx. 11 mΩ**

#### Maximum Discharge Current for

5 seconds: **327A**

#### Charging Methods at 25°C (77°F)

##### Cycle use:

Charging Voltage **14.4 to 15.0V**

Coefficient **-5.0mV/°C/cell**

Maximum Charging Current : **7.8A**

##### Standby use:

Float Charging Voltage **13.50 to 13.80V**

Coefficient **-3.0mV/°C/cell**

#### Operating Temperature Range

Charge **-15°C (5°F) to 40°C (104°F)**

Discharge **-15°C (5°F) to 50°C (122°F)**

Storage **-15°C (5°F) to 40°C (104°F)**

#### Charge Retention (shelf life) at 20°C (68°F)

1 month **92%**

3 month **90%**

6 month **80%**

#### Case Material

**ABS**

(Option: UL94 HB & UL94 V-0 flame retardant )

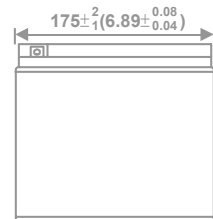
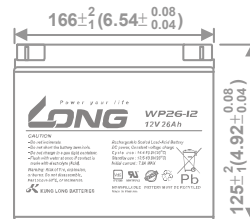
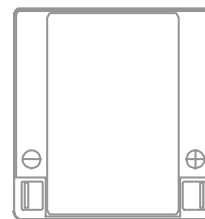
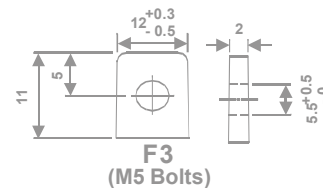
#### Terminal

**F3**

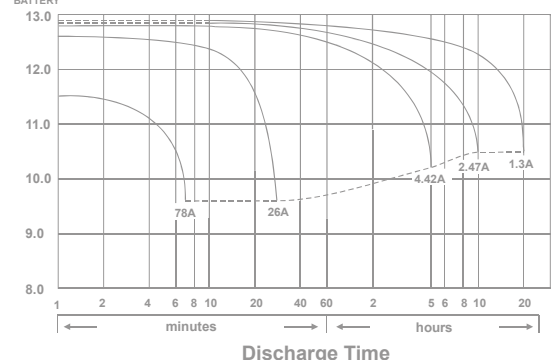


### Dimensions

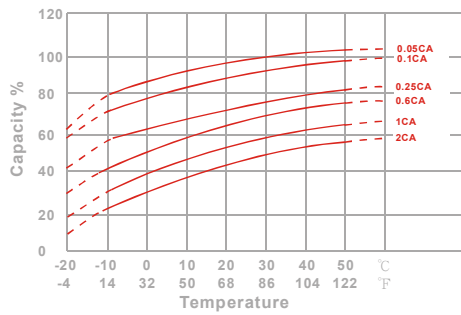
mm(inch)



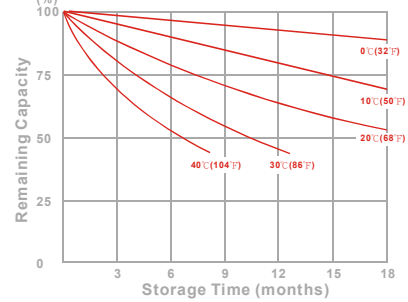
(V) FOR 12V BATTERY Discharge Time VS. Discharge Current (25°C)



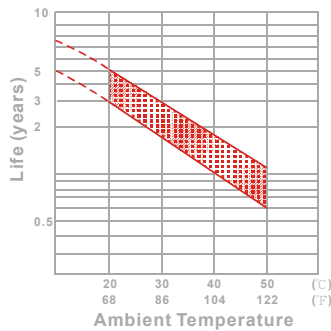
Effect of Temperature on Capacity 25°C(77°F)



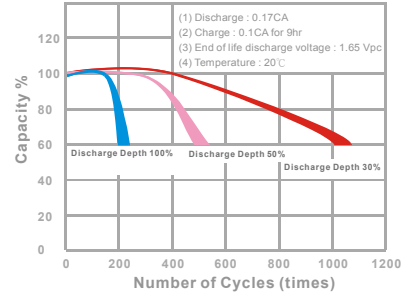
Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life



## - PERFORMANCE DATA

### Discharge Rates in Watts to Various End Voltages at 25°C(77°F)

End Voltage		11.10V	10.80V	10.50V	10.20V	9.90V	9.60V
<b>Time</b>							
5	min	884	1040	1151	1222	1259	1277
10	min	567	668	739	784	808	819
15	min	480	556	609	642	659	668
30	min	255	296	324	341	351	355
60	min	183	185	186	187	188	188
120	min	96.5	97.6	98.3	98.6	99.0	99.0
180	min	76.9	77.7	78.3	78.6	78.9	78.9
240	min	61.8	62.5	62.9	63.2	63.4	63.4
300	min	52.5	53.1	53.5	53.7	53.9	53.9
600	min	31.0	31.4	31.6	31.7	31.8	31.8
1200	min	16.3	16.5	16.6	16.6	16.7	16.7

### - Discharge Rates in Amperes to Various End Voltages at 25°C(77°F)

End Voltage		11.10V	10.80V	10.50V	10.20V	9.90V	9.60V
<b>Time</b>							
5	min	78.9	92.9	103	109	112	114
10	min	49.3	58.1	64.2	68.2	70.3	71.3
15	min	40.8	47.3	51.8	54.6	56.1	56.8
30	min	21.4	24.8	27.2	28.7	29.5	29.8
60	min	15.3	15.5	15.6	15.7	15.7	15.7
120	min	8.04	8.13	8.19	8.22	8.25	8.25
180	min	6.38	6.45	6.50	6.52	6.55	6.55
240	min	5.10	5.16	5.20	5.22	5.24	5.24
300	min	4.34	4.39	4.42	4.44	4.45	4.45
600	min	2.55	2.58	2.60	2.61	2.62	2.62
1200	min	1.34	1.35	1.36	1.37	1.38	1.38

All data on the spec. sheet is an average value:

The tolerance range :  $X < 6\text{min}$ (+15%~-15%),  $6\text{min} \leq X < 10\text{min}$ (+12%~-12%),  $10\text{min} \leq X < 60\text{min}$ (+8%~-8%),  $X \geq 60\text{min}$ (+5%~-5%)

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