



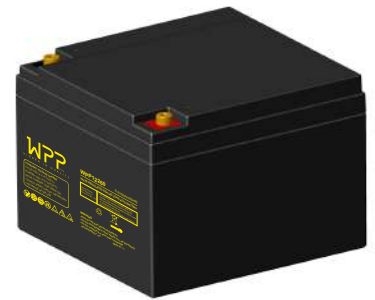
# General Purpose WPP12260(12V26Ah)



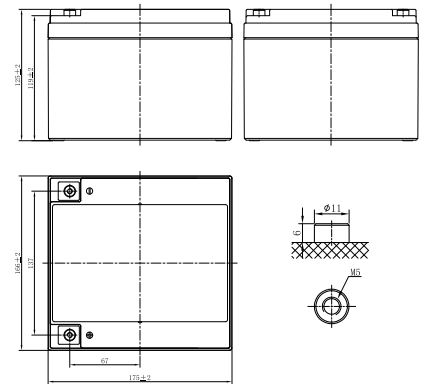
HIDDEN IN QUALITY

## Specifications

Rated Voltage	12V	
Nominal Capacity	26.0Ah	(C <sub>20</sub> , 1.75V/cell)
Dimension	Length	166±2mm (6.54 inches)
	Width	175±2mm (6.93 inches)
	Container Height	125±2mm (4.92 inches)
	Total Height	125±2mm (4.92 inches)
Approx Weight	7.20 Kg (15.9 lbs)	
Terminal	M5	
Container Material	ABS	
Rated Capacity (25°C)	26.0 Ah	(20hr, 1.30A, 1.75V/cell)
	23.7 Ah	(10hr, 2.37A, 1.75V/cell)
	20.6 Ah	(5hr, 4.11A, 1.75V/cell)
	17.8 Ah	(3hr, 5.93A, 1.75V/cell)
	14.3 Ah	(1hr, 14.3A, 1.60V/cell)
Max. Discharge Current	360A (5s)	
Internal Resistance (25°C)	Approx 18mΩ	
Operating Temp. Range	Discharge	-15 ~ 50°C (5 ~ 122°F)
	Charge	-20 ~ 40°C (-4 ~ 104°F)
	Storage	-15 ~ 40°C (5 ~ 104°F)
Nominal Operating Temp. Range	25±3°C (77±5°F)	
Cycle Use	Initial Charging Current less than 7.8A. Voltage 14.1V~14.7V at 25°C(77°F)Temp. Coefficient -30mV/°C	
Standby Use	Initial Charging Current less than 7.8A. Voltage 13.5V~13.8V at 25°C(77°F)Temp. Coefficient -20mV/°C	
Effect of temp. to Capacity	40°C (104°F)	103%
	25°C (77°F)	100%
	0°C (32°F)	86%
Self Discharge	Batteries may be stored for up to 6 months at 25°C(77°F) and then a freshening charge is required. For higher temperatures the time interval will be shorter.	



## Layout



## Constant Current Discharge (Amperes) at 25 °C (77°F)

F.V/Time	5min	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	60.6	42.2	33.8	28.1	21.2	15.6	13.0	9.65	7.75	5.75	4.64	4.00	3.47	2.78	2.32	1.27
1.80V/cell	65.2	44.7	35.5	29.3	21.8	16.1	13.3	9.85	7.89	5.84	4.71	4.06	3.53	2.82	2.35	1.29
1.75V/cell	68.7	46.5	36.7	30.1	22.4	16.4	13.6	10.0	8.03	5.93	4.78	4.11	3.57	2.85	2.37	1.30
1.70V/cell	72.0	48.4	37.9	30.9	23.0	16.8	13.8	10.2	8.15	6.02	4.84	4.17	3.61	2.88	2.40	1.31
1.67V/cell	74.4	49.8	38.9	31.6	23.4	17.1	14.0	10.3	8.24	6.08	4.89	4.21	3.64	2.90	2.41	1.32
1.60V/cell	79.0	51.9	40.2	32.5	24.0	17.5	14.3	10.6	8.41	6.19	4.97	4.27	3.69	2.94	2.44	1.34

## Constant Power Discharge (Watts/cell) at 25 °C (77°F)

F.V/Time	5min	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	114.7	80.3	64.8	54.2	40.9	30.4	25.2	18.9	15.2	11.3	9.15	7.91	6.87	5.51	4.60	2.54
1.80V/cell	122.2	84.6	67.6	56.1	42.0	31.1	25.8	19.2	15.4	11.5	9.27	8.01	6.97	5.58	4.66	2.57
1.75V/cell	127.3	87.3	69.4	57.3	42.9	31.6	26.2	19.5	15.6	11.6	9.38	8.10	7.04	5.64	4.70	2.60
1.70V/cell	132.0	90.2	71.3	58.6	43.8	32.2	26.6	19.8	15.8	11.8	9.49	8.20	7.11	5.69	4.75	2.62
1.67V/cell	135.5	92.2	72.8	59.7	44.4	32.6	26.9	20.0	16.0	11.9	9.57	8.26	7.17	5.73	4.78	2.64
1.60V/cell	141.0	94.9	74.8	61.2	45.4	33.2	27.4	20.3	16.3	12.0	9.71	8.37	7.26	5.81	4.84	2.67



# General Purpose WPP12260(12V26Ah)



HIDDEN IN QUALITY

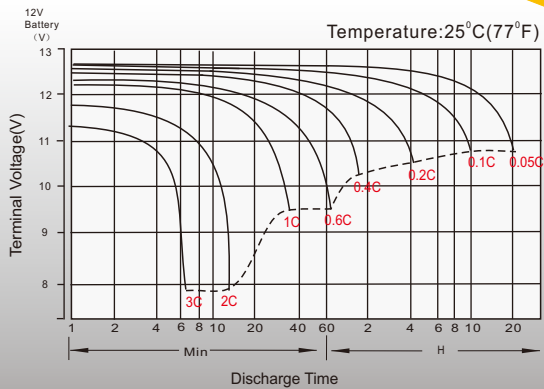
## Applications

- All purpose
- Uninterruptable Power Supply (UPS)
- Electric Power System (EPS)
- Emergency backup power supply
- Alarm and security system
- Communication power supply
- DC power supply
- Auto control system

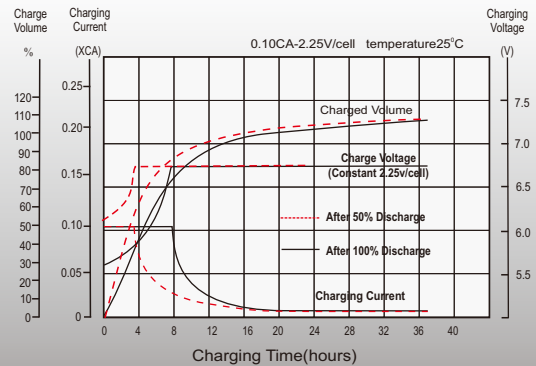
## General Features

- 5 years design life(25°C)
- Special exhaust structure and sealing technology, safe and reliable, flexible installation, convenient maintenance
- PbCaSn alloy for plate grids: less gassing, less self-discharging
- High quality AGM separator: extend cycle life and prevent micro short circuit
- High purity raw material: ensure low self discharge rate

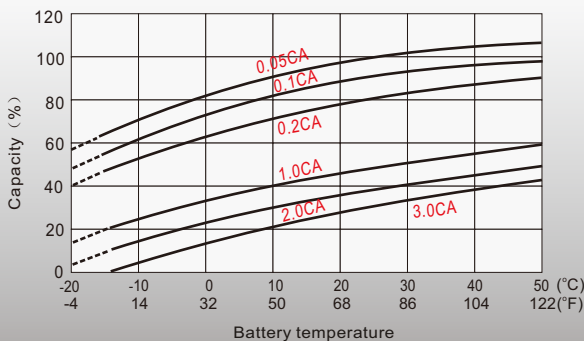
## Discharge Characteristics



## Float Charging Characteristics



## Temperature Effects in Relation to Battery Capacity



## Float Service Life

