

PW12-26 12V-26Ah

PW SERIES VRLA BATTERY



PW12-26 12V-26Ah



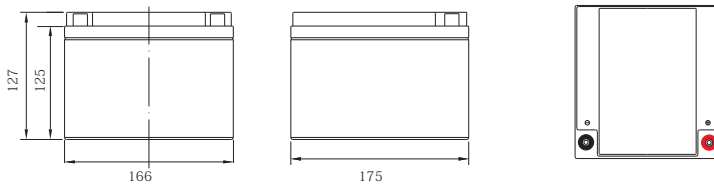
Physical Specification

Part Number:	PW12-26 (12V 26Ah)
Length:	175 mm (6.89 inches)
Width:	166 mm (6.54 inches)
Height:	125 mm (4.92 inches)
Total Height:	127 mm (5.0 inches)
Approx Weight:	7.9 kg (17.42 lbs) ± 3%

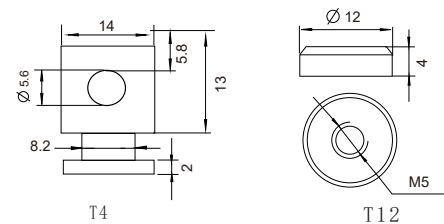
Specification

Battery Model	Nominal Voltage		12V	
	Rated capacity (20 hour rate)		26 Ah	
	Cells per battery		6	
Dimension	Length	Width	Height	Total Height
	175mm (6.89 inches)	166mm (6.54 inches)	125mm (4.92 inches)	127mm (5.0 inches)
Capacity @25°C (77°F)	20 hour rate (1.3A,10.5V)	10 hour rate (2.33A,10.8V)	5 hour rate (4.45A,10.2V)	1 hour rate (15.6A,9.6V)
	26Ah	23.3Ah	22.3Ah	15.6Ah
Max. discharge current	390A (5 sec.)			
Internal Resistance	Full charged at 25 C : Approx 14.3mΩ			
Capacity affected by Temp. (20 Hour)	40°C (104°F)	25°C (77°F)	0°C (32°F)	-15°C (5°F)
	102%	100%	85%	65%
Self Discharge @25°C (77°F)	After 3 mnts storage		After 6 mnts storage	After 12 mnts storage
	91%		82%	64%
Charge Method @25°C (77°F)	Cycle Use		Float Use	
	14.40-14.70V (Initial charging current less than 7.80A)		13.50-13.80V	

Dimension



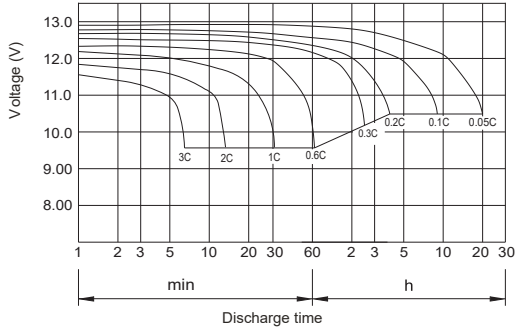
Terminal Type



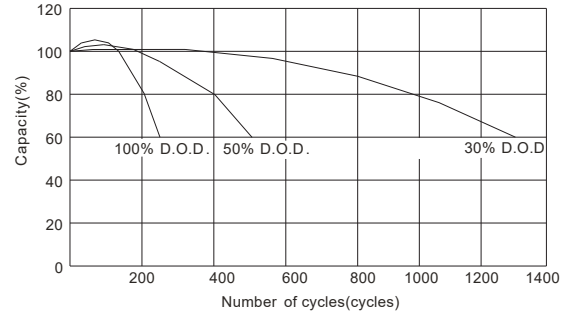
Constant Current Discharge (Amperes) at 25°C (77°F)

F.V\TIME		5min	10min	15min	30min	1 hr	2 hr	3 hr	4 hr	5 hr	8 hr	10 hr	20 hr
9.60V	A	93.60	61.36	45.50	29.90	15.60	9.10	6.70	5.37	4.56	3.01	2.46	1.34
	W	1103.90	693.30	524.30	317.40	179.80	105.30	77.50	62.20	52.80	34.80	28.50	15.60
10.20V	A	85.80	58.72	41.80	28.38	14.65	8.73	6.50	5.20	4.47	2.96	2.42	1.31
	W	1038.90	656.50	492.90	315.30	169.00	101.10	75.30	60.20	51.80	34.20	28.00	15.20
10.50V	A	78.11	54.86	39.00	27.52	14.17	8.56	6.39	4.94	4.45	2.93	2.39	1.30
	W	1003.20	637.00	471.30	312.00	164.00	99.10	74.00	57.20	51.50	33.90	27.70	15.10
10.80V	A	75.06	52.43	36.40	26.76	13.69	8.34	6.28	4.85	4.23	2.85	2.33	1.27
	W	879.70	617.50	453.90	310.90	159.30	97.10	73.10	56.50	49.20	32.50	27.10	14.70
11.10V	A	69.42	49.40	33.80	26.00	13.22	8.13	5.96	4.77	4.04	2.77	2.28	1.24
	W	850.40	596.90	432.30	308.80	157.10	96.40	71.00	56.30	48.10	31.40	26.50	14.60

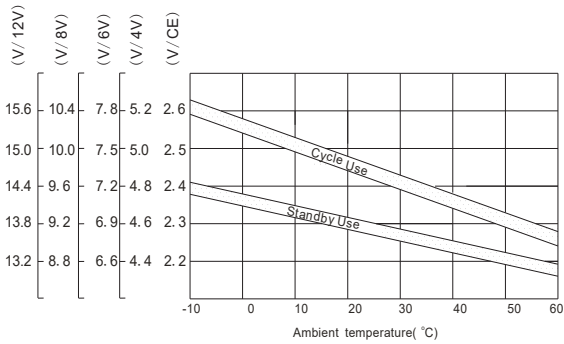
Discharge characteristic Curve



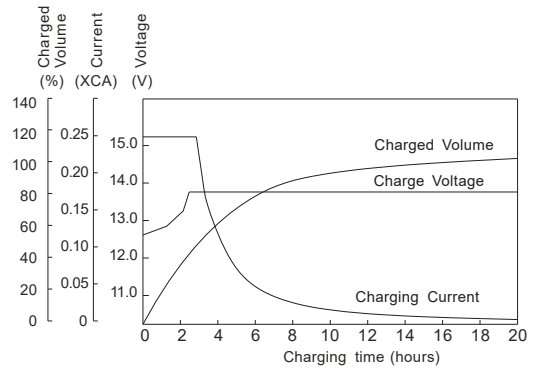
Cycle service life in relation to depth of discharge



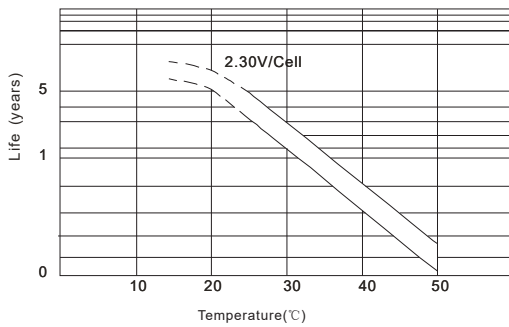
Relationship between charging voltage and temperature



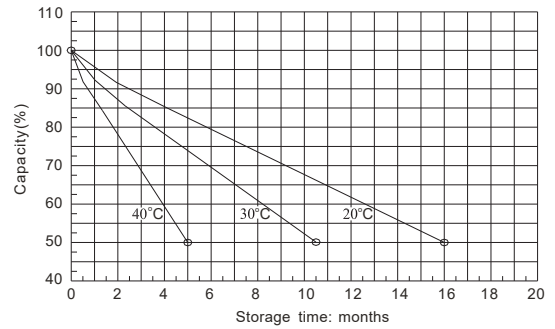
Constant voltage charging characteristic (0.25CA, at 25 °C)



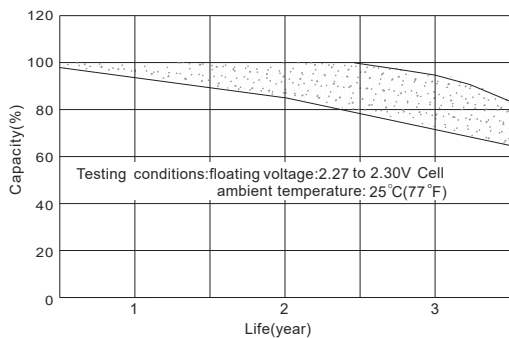
Temperature effects on float life



Self-discharge characteristic



Life characteristics of standby use



Charge characteristic Curve for standby use

