

PW7122D

When in need, you got the power

PN: BTVA-07122PW-CN01B
EAN: 6422956008857

Specifications

Battery Model	PW7122D 12V/7.0A
Capacity (25°C)	7.00Ah - 20HR (0.350A)
Voltage	12V
Type	VRLA - maintenance free
Designed Floating Life	3~5 years
Terminal	T1 (F1)
Construction	
Positive Pole	Lead dioxide
Negative Pole	Lead
Container & Cover	ABS
Sealant	Epoxy
Safety valve	Rubber
Terminal	Copper
Separator	Fiberglass
Electrolyte	Sulfuric acid
Internal Resistance	Full charged at 25°C ≤ 39mΩ
Self Discharge (20°C)	2% of capacity declined per month
Capacity Affected by Temp. (20HR)	
40°C	102%
25°C	100%
0°C	85%
-15°C	65%
Charge Voltage (25°C)	
Cycle use	14.4-15V (-30mV/°C), max. Current: 2.1A
Float use	13.6 -13.8V (-20mV/°C)
Physical	
Without Terminal	95 x 65 x 151 mm
With Terminal	98 x 65 x 151 mm
Product Weight	2.05 Kg



Completely sealed and maintenance-free



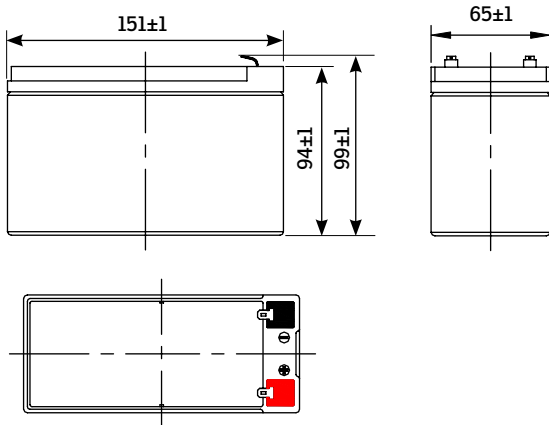
Excellent charging and re-charging



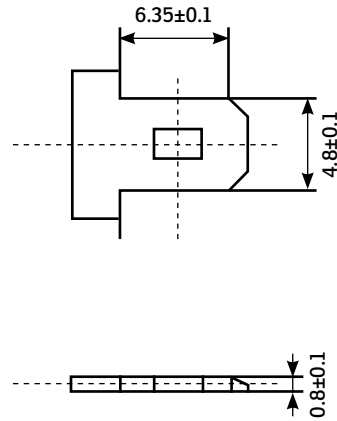
Floating & standby use: 3-5 years

- Small size battery
- Excellent charging and re-charging
- Stable and reliable for long-term
- Low self-discharge
- Floating & standby use: 3-5 years
- More than 260 cycles at 100% DOD
- Multiple Application: Alarm and Security Systems, Cable Television, Communication Equipment, Power Tools, Control Equipment, Medical Equipment, UPS, Toys

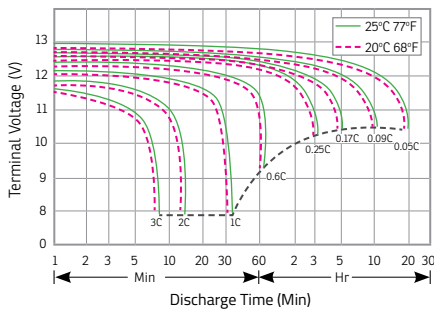
PW7122D Dimensions (mm)



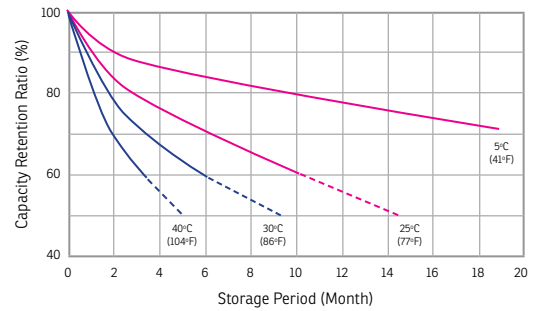
T1 (F1) Terminal Dimensions (mm)



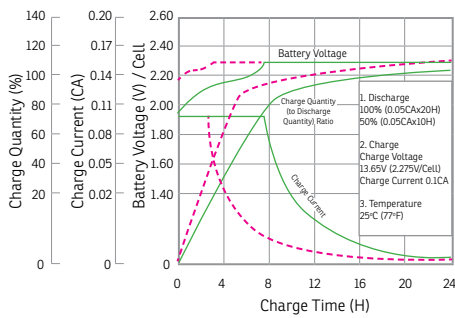
Terminal Voltage (V) and Discharge Time



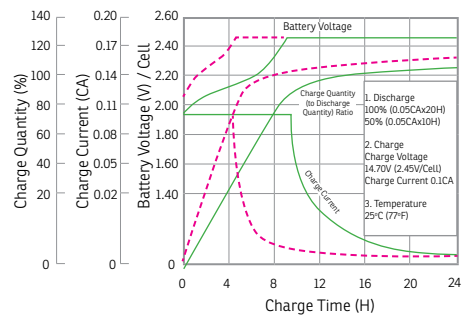
Capacity Retention Characteristic



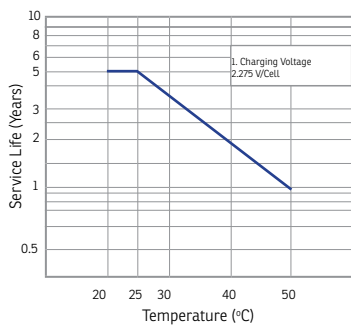
Battery Voltage & Charge Time for Standby Use



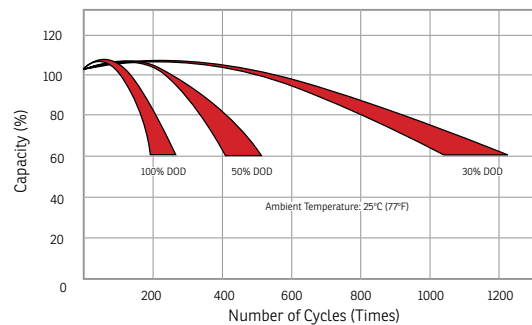
Battery Voltage & Charge Time for Cycle Use



Tickle (or Float) Service Life



Cycle Service Life





Constant Current Discharge Characteristics (A), 25°C

F.V/Time 5	5min	10min	15min	30min	1Hr	2Hr	3Hr	4Hr	5Hr	6Hr	10Hr	20Hr
1.85V/Cell	18.30	13.35	10.00	6.69	3.90	2.28	1.74	1.380	1.146	0.979	0.639	0.337
1.80V/Cell	18.64	13.30	10.19	6.75	3.98	2.32	1.77	1.406	1.168	0.998	0.651	0.344
1.75V/Cell	18.99	13.55	10.39	6.88	4.05	2.37	1.80	1.432	1.190	1.017	0.663	0.350
1.70V/Cell	20.70	14.36	11.01	7.15	4.12	2.41	1.83	1.458	1.211	1.034	0.675	0.356
1.67V/Cell	22.79	15.58	11.94	7.55	4.17	2.44	1.85	1.473	1.224	1.045	0.682	0.360
1.60V/Cell	24.69	16.39	12.57	7.87	4.21	2.46	1.87	1.489	1.237	1.057	0.689	0.364



Constant Wattage Discharge Characteristics (W), 25°C

F.V/Time 5	5min	10min	15min	30min	1Hr	2Hr	3Hr	4Hr	5Hr	6Hr	10Hr	20Hr
1.85V/Cell	35.68	25.44	19.51	12.92	7.61	4.45	3.38	2.69	2.23	1.91	1.25	0.66
1.80V/Cell	36.36	25.93	19.88	13.16	7.76	4.53	3.45	2.74	2.28	1.95	1.27	0.67
1.75V/Cell	37.04	26.41	20.25	13.41	7.90	4.62	3.51	2.79	2.32	1.98	1.29	0.68
1.70V/Cell	40.37	28.00	21.47	12.94	8.04	4.70	3.58	2.84	2.36	2.02	1.32	0.69
1.67V/Cell	44.45	30.37	23.29	14.72	8.13	4.75	3.61	2.87	2.39	2.04	1.33	0.70
1.60V/Cell	48.15	31.96	24.51	15.35	8.22	4.80	3.65	2.90	2.41	2.06	1.34	0.71



Logistics

	Carton Box Size	346 x 316 x 121 mm
	Pieces in the Carton Box	10 pcs / ctn
	Net & Gross weight / CTN	N.W. / G.W.: 20.5 kg / 20.8 kg



Certificates

RoHS

2011/65/EU

