

PW12123B

PN: ACPW-12123PW-CB01B

EAN: 6422956007089

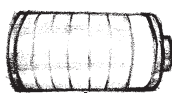
When in need, you got the power!



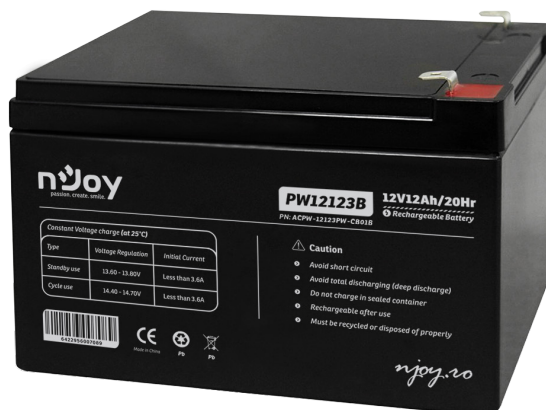
Completely
sealed and
maintenance-free



Excellent charging
and re-charging



Floating & standby
use: 3-5 years

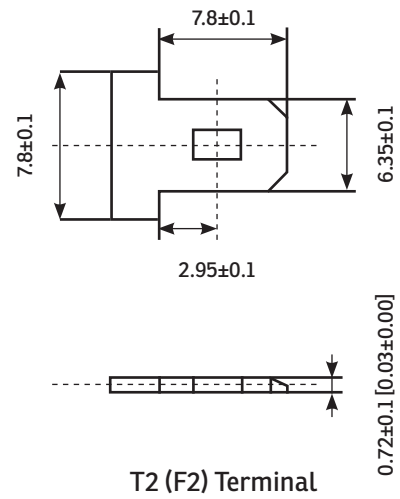
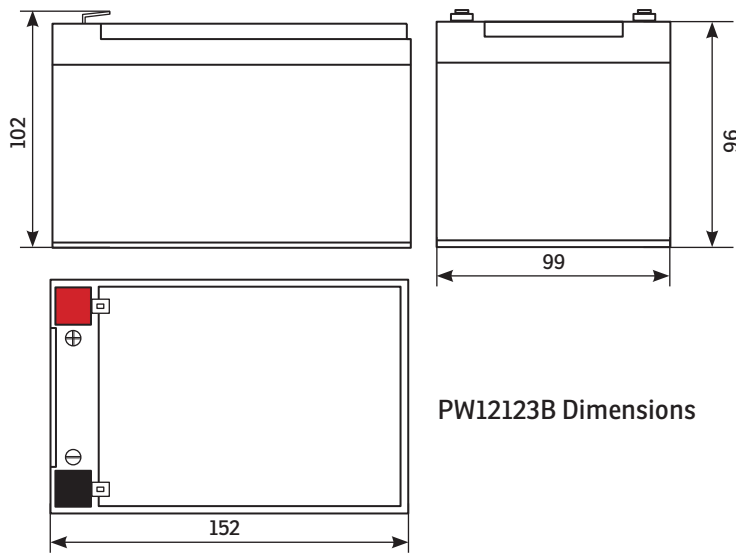


★ Features

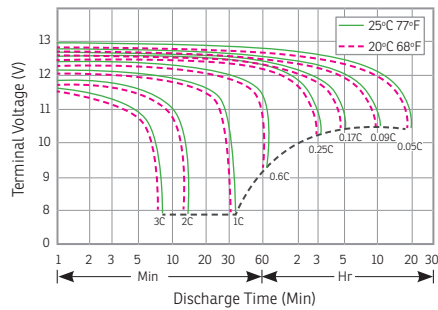
- ⊕ Small size battery
- ⊕ Excellent charging and re-charging
- ⊕ Stable and reliable for long-term
- ⊕ Low self-discharge
- ⊕ Floating & standby use: 3-5 years
- ⊕ More than 260 cycles at 100% DOD
- ⊕ Multiple Application: Alarm and Security Systems, Cable Television, Communication Equipment, Power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

📋 Specifications

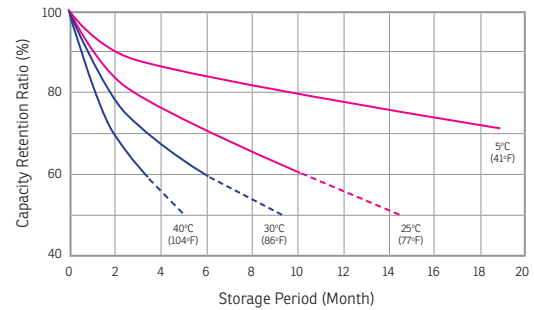
Battery Model	PW12123B 12V12A	Internal Resistance	Internal Resistance Full charged at 25°C ≤14mΩ
Capacity (25°C)	12.00Ah - 20HR (0.600A)	Self Discharge (20°C)	3% of capacity declined per month
Voltage	12V	Capacity Affected by Temp. (20HR)	
Type	VRLA - maintenance free	40°C	102%
Designed Floating Life	3~5 years	25°C	100%
Terminal	T2 (F2)	0°C	85%
Construction		-15°C	65%
Positive Pole	Lead dioxide	Charge Voltage (25°C)	
Negative Pole	Lead	Cycle use	14.4-15V (-30mV/°C), max. Current: 3.60A
Container	ABS	Float use	13.6-13.8V (-20mV/°C)
Cover	ABS	Dimensions	
Sealant	Epoxy	Without Terminal	152 x 99 x 96 mm
Safety valve	Rubber	With Terminal	152 x 99 x 102 mm
Terminal	Copper	Approx. Weight	3.45 kg
Separator	Fiberglass		
Electrolyte	Sulfuric acid		



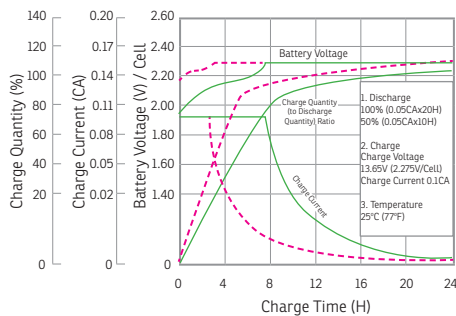
Terminal Voltage (V) and Discharge Time



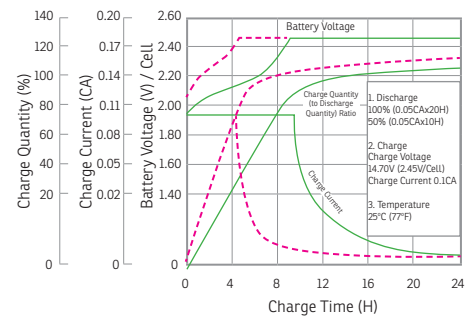
Capacity Retention Characteristic



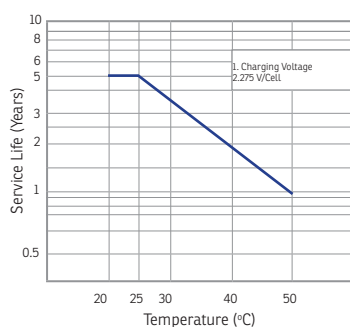
Battery Voltage and Charge Time for Standby Use



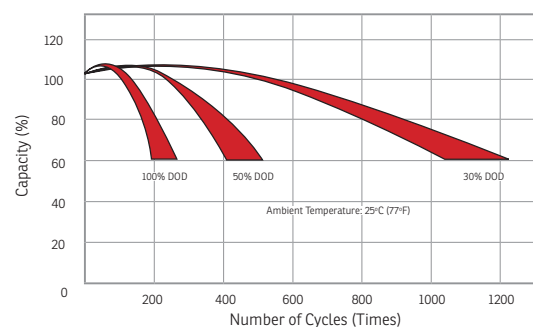
Battery Voltage and Charge Time for Cycle Use



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	39.45	23.29	18.31	11.93	6.96	4.03	3.09	2.538	2.080	1.696	1.112	0.578
1.80V/Cell	40.21	23.74	18.65	12.16	7.10	4.10	3.15	2.587	2.120	1.728	1.133	0.589
1.75V/Cell	40.96	24.18	19.00	12.39	7.23	4.18	3.21	2.635	2.160	1.761	1.155	0.600
1.70V/Cell	44.65	25.63	20.14	12.88	7.36	4.25	3.27	2.682	2.198	1.792	1.175	0.611
1.67V/Cell	49.15	27.81	21.86	13.60	7.44	4.30	3.30	2.711	2.221	1.811	1.187	0.617
1.60V/Cell	53.25	29.26	23.00	14.18	7.52	4.34	3.34	2.740	2.245	1.830	1.200	0.624

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	76.94	45.42	35.69	23.27	13.58	7.85	6.03	4.95	4.06	3.31	2.17	1.13
1.80V/Cell	78.40	46.28	36.38	23.71	13.84	8.00	6.14	5.04	4.13	3.37	2.21	1.15
1.75V/Cell	79.87	47.15	37.06	24.16	14.10	8.15	6.26	5.14	4.21	3.43	2.25	1.17
1.70V/Cell	87.06	49.98	39.28	25.12	14.35	8.29	6.37	5.23	4.29	3.49	2.29	1.19
1.67V/Cell	95.85	54.22	42.62	26.52	14.50	8.38	6.44	5.29	4.33	3.53	2.32	1.20
1.60V/Cell	103.84	57.05	44.84	27.66	14.66	8.47	6.51	5.34	4.38	3.57	2.34	1.22

Logistics

 Carton Box Size	212 x 315 x 125 mm
 Pieces in the Carton Box	4 pcs / ctn
 Net & Gross weight / CTN	N.W. / G.W.: 13.8 kg / 14.1 kg

Certificates

