

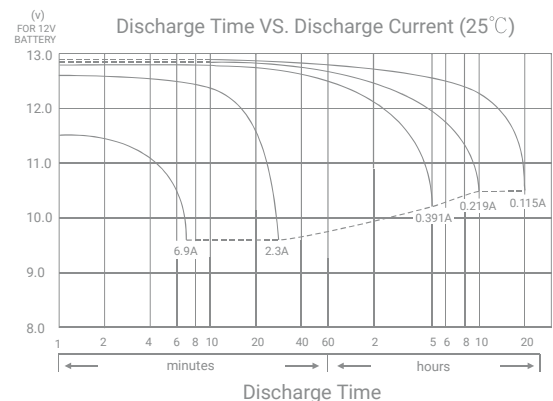
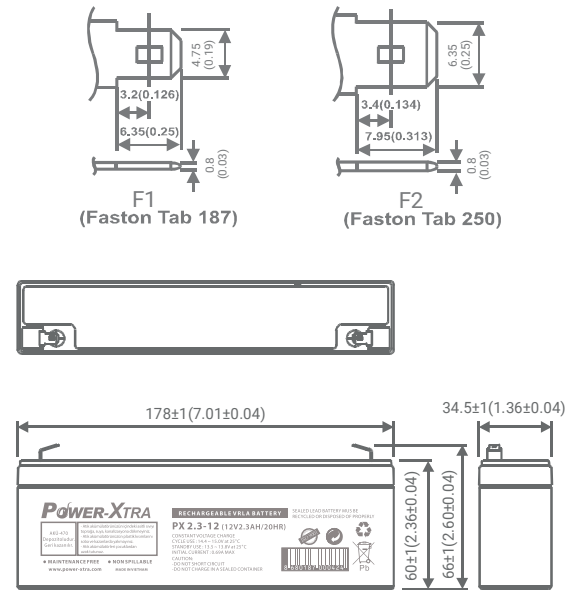
PXS2.3-12 12Volt 2.3Ah

Specifications

Nominal Voltage(V)	12V		
Nominal Capacity			
20 hour rate	(0.115A to 10.50V)		2.3Ah
10 hour rate	(0.219A to 10.50V)		2.185Ah
5 hour rate	(0.391A to 10.20V)		1.955Ah
1 C	(2.3A to 9.60V)		1.150Ah
3 C	(6.9A to 9.60V)		0.805Ah
Weight	Approx. 870g(1.91Lbs.)		
Internal Resistance (at 1KHz)	Approx. 60 mΩ		
Maximum Discharge Current for 5 seconds:	34.5A		
Charging Methods at 25°C(77°F)			
Cycle use:			
Charging Voltage	14.4 to 15.0V		
Coefficient -5.0mV/ °C/cell			
Maximum Charging Current	0.69A		
Standby use:			
Float Charging Voltage	13.5 to 13.8 V		
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 UL94 HB Option: Flammability resistance of (UL94 V-0)		
Terminal	F1 or F2 (Faston Tab 187 or 250)		

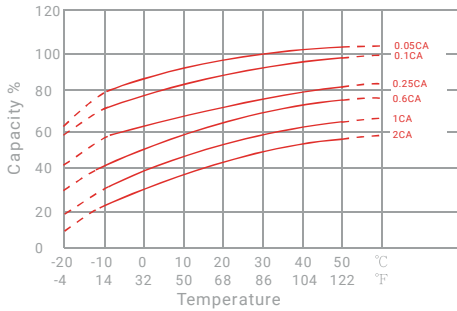
Dimensions

mm(inch)

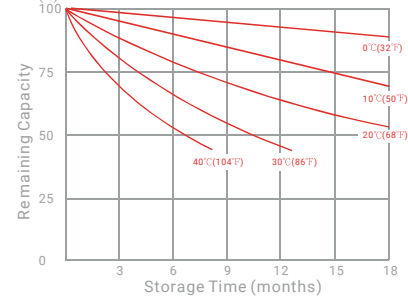


PXS2.3-12 12Volt 2.3Ah

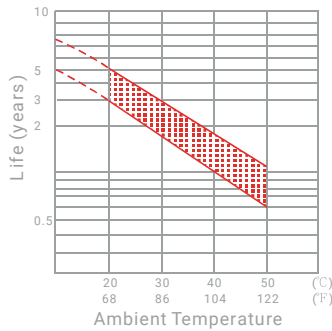
Effect of Temperature on Capacity 25°C(77°F)



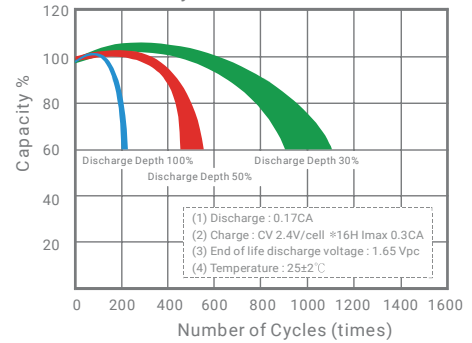
Capacity Retention Characteristic



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		1.85V	1.80V	1.75V	1.70V	1.67V	1.65V	1.60V
Time	min							
10	min	7.82	9.38	10.1	10.6	10.8	11.1	11.4
15	min	6.87	7.90	8.28	8.53	8.63	8.75	8.90
30	min	3.95	4.25	4.43	4.58	4.63	4.70	4.78
60	min	2.27	2.45	2.60	2.72	2.75	2.80	2.85
120	min	1.36	1.50	1.56	1.62	1.64	1.67	1.70
180	min	1.08	1.21	1.24	1.27	1.28	1.29	1.30
240	min	0.863	0.960	0.988	1.01	1.02	1.03	1.04
300	min	0.702	0.777	0.808	0.837	0.848	0.858	0.869
600	min	0.415	0.453	0.468	0.480	0.483	0.488	0.493
1200	min	0.230	0.242	0.248	0.253	0.255	0.257	0.258

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

End Voltage		1.85V	1.80V	1.75V	1.70V	1.67V	1.65V	1.60V
Time	min							
10	min	4.76	5.45	5.68	5.87	5.94	6.03	6.15
15	min	3.89	4.15	4.27	4.38	4.42	4.47	4.53
30	min	2.02	2.17	2.24	2.30	2.32	2.35	2.39
60	min	1.23	1.34	1.39	1.42	1.43	1.45	1.47
120	min	0.668	0.731	0.765	0.796	0.809	0.826	0.849
180	min	0.508	0.562	0.587	0.609	0.618	0.628	0.643
240	min	0.411	0.449	0.472	0.491	0.497	0.505	0.513
300	min	0.364	0.383	0.396	0.405	0.409	0.414	0.419
600	min	0.217	0.226	0.232	0.237	0.238	0.240	0.242
1200	min	0.114	0.118	0.121	0.123	0.124	0.125	0.126

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

The tolerance range : X<6min(+15%~-15%), 6min ≤X<10min(+12%~-12%), 10min ≤X<60min(+8%~-8%), X ≥60min(+5%~-5%)