

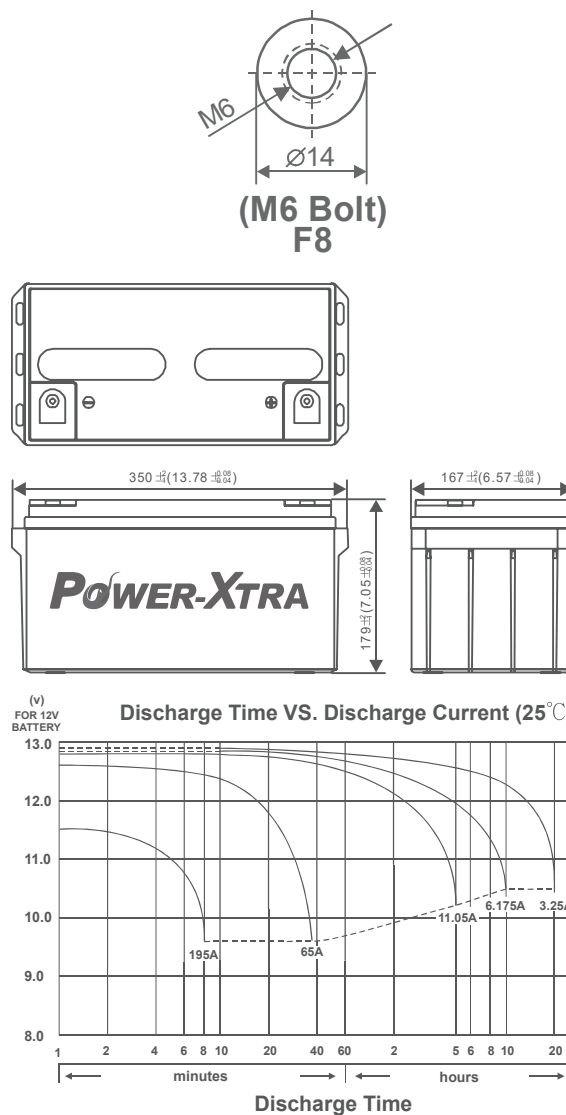
## PX65-12 12Volt 65Ah

### Specifications

<b>Nominal Voltage(V)</b>	<b>12V</b>		
<b>Nominal Capacity</b>			
20 hour rate	(3.25A to 10.50V)	<b>65Ah</b>	
10 hour rate	(6.175A to 10.50V)	<b>61.75Ah</b>	
5 hour rate	(11.05A to 10.20V)	<b>55.25Ah</b>	
1 C	(65A to 9.60V)	<b>41.17Ah</b>	
3 C	(195A to 9.60V)	<b>26Ah</b>	
<b>Weight</b>	Approx. <b>20.9kg(45.98Lbs.)</b>		
<b>Internal Resistance (at 1KHz)</b>	Approx. <b>7 mΩ</b>		
<b>Maximum Discharge Current for</b>			
<b>5 seconds:</b>	<b>780A</b>		
<b>Charging Methods at 25°C(77°F)</b>			
<b>Cycle use:</b>			
Charging Voltage	<b>14.4 to 15.0V</b>		
Coefficient	<b>-5.0mV/°C/cell</b>		
Maximum Charging Current :	<b>19.5A</b>		
<b>Standby use:</b>			
Float Charging Voltage	<b>13.5 to 13.8V</b>		
Coefficient	<b>-3.0mV/°C/cell</b>		
<b>Operating Temperature Range</b>			
Charge	<b>-15°C(5°F)</b>	<b>to</b>	<b>40°C(104°F)</b>
Discharge	<b>-15°C(5°F)</b>	<b>to</b>	<b>50°C(122°F)</b>
Storage	<b>-15°C(5°F)</b>	<b>to</b>	<b>40°C(104°F)</b>
<b>Charge Retention (shelf life) at 20°C(68°F)</b>			
1 month	<b>98%</b>		
3 month	<b>94%</b>		
6 month	<b>85%</b>		
<b>Case Material</b>	<b>ABS UL94 HB</b>		
Option: Flammability resistance of (UL94 V-0)			
<b>Terminal</b>	<b>F8</b>		
<b>Description of torque value of hard ware for the terminals:</b>			
Recommended torque value	<b>M6: 7 N-m (71kgf-cm)</b>		
Maximum allowable torque value	<b>M6: 9 N-m (92kgf-cm)</b>		

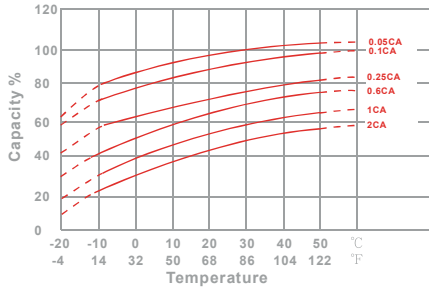
### Dimensions

mm(inch)

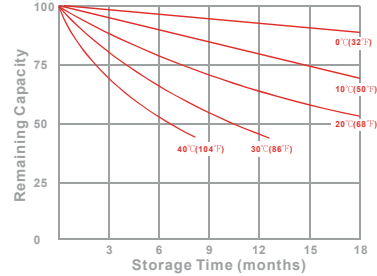


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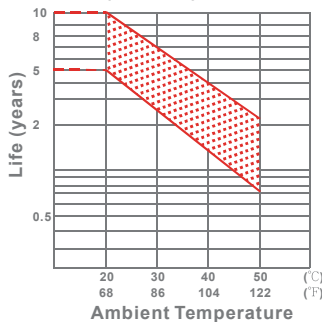
Effect of Temperature on Capacity 25°C(77°F)



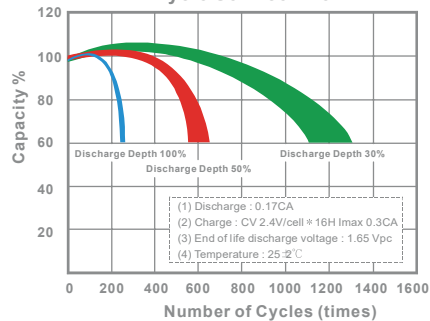
Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life



### - PERFORMANCE DATA

#### Discharge Rates in Watts to Various End Voltages at 25°C(77°F)

Time	End Voltage	Discharge Rates (Watts)						
		1.85V	1.80V	1.75V	1.70V	1.67V	1.65V	1.60V
5	min	249	275	320	371	380	396	432
10	min	203	230	251	274	282	290	309
15	min	170	190	207	215	218	224	231
20	min	150	158	171	173	180	185	193
30	min	113	124	134	138	141	143	148
60	min	72.5	76.5	82.3	83.7	84.0	84.3	85.0
90	min	58.3	60.2	61.5	62.0	62.3	62.5	62.8
120	min	45.7	48.0	49.0	49.5	49.7	49.8	50.0
180	min	32.4	33.5	34.0	34.3	34.5	34.7	35.0
240	min	26.0	27.2	27.5	27.7	27.8	28.0	28.2
300	min	21.7	22.6	23.1	23.2	23.3	23.4	23.4
480	min	14.9	15.5	15.8	15.9	16.0	16.0	16.0
600	min	12.5	12.9	13.2	13.2	13.3	13.3	13.3
1200	min	6.54	6.76	6.86	6.87	6.89	6.91	6.94

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

Time	End Voltage	Discharge Rates (Amperes)						
		1.85V	1.80V	1.75V	1.70V	1.67V	1.65V	1.60V
5	min	137	151	177	208	213	224	245
10	min	102	123	135	149	154	158	169
15	min	91.0	100	109	116	119	122	129
20	min	61.4	82.5	89.3	92.5	94.0	96.5	101
30	min	50.7	63.6	68.5	71.5	73.4	74.7	77.2
60	min	36.6	38.5	41.5	42.5	43.0	43.6	44.2
90	min	29.5	31.1	31.8	32.2	32.8	33.0	33.4
120	min	23.1	24.3	24.8	25.0	25.3	25.5	25.8
180	min	16.2	17.0	17.3	17.5	17.7	17.8	18.0
240	min	13.0	13.6	13.8	13.9	14.0	14.1	14.2
300	min	10.8	11.3	11.5	11.6	11.7	11.8	11.9
480	min	7.43	7.73	7.87	7.92	7.94	7.96	7.98
600	min	6.19	6.43	6.54	6.58	6.60	6.61	6.63
1200	min	3.24	3.35	3.40	3.41	3.42	3.43	3.44

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

The tolerance range :  $X < 6\text{min}$  (+15%~-15%),  $6\text{min} \leq X < 10\text{min}$  (+12%~-12%),  $10\text{min} \leq X < 60\text{min}$  (+8%~-8%),  $X \geq 60\text{min}$  (+5%~-5%)