

# LP6-1.2 (6V 1.2Ah)



Since 1993

Item Code: NSA LP6-1,2 T1  
 EAN: 8717101011249

## Specifications

<b>Nominal Voltage</b>	6		
<b>Approx. Weight</b>	0.29 Kg (0.639lbs)		
<b>Container Material</b>	ABS		
<b>Rated Capacity (25 °C)</b>	<b>1.20 Ah</b>	<b>20hr, 0.060A, 1.75V/cell</b>	
	1.13 Ah	10hr, 0.113A, 1.75V/cell	
	1.04 Ah	5hr, 0.207A, 1.75V/cell	
	0.918 Ah	3hr, 0.306A, 1.75V/cell	
	0.789 Ah	1hr, 0.789A, 1.60V/cell	
<b>Short-circuit Current</b>	33.6A		
<b>Internal Resistance</b>	Approx. 65 m Ω		
<b>Operating Temp. Range</b>	Discharge:	-15 °C ~ 50 °C	5 °F ~ 122 °F
	Charge:	-20 °C ~ 40 °C	-4 °F ~ 104 °F
	Storage:	-15 °C ~ 40 °C	5 °F ~ 104 °F
<b>Nominal operating temp. Range</b>	25±3°C (77± 5°F)		
<b>Effect of Temp. to Capacity</b>	40 °C	104 °F	103%
	25 °C	77 °F	100%
	0 °C	32 °F	86%
<b>Max. Charging Current (25°C)</b>	0.36A		
<b>Cycle Use</b>	Voltage 7.3V~7.4V at 25°C (77 °F) Temp. Coefficient -5mV/Cell/°C		
<b>Standby Use</b>	Voltage 6.4V~6.8V at 25°C (77°F) Temp. Coefficient - 3mV/Cell/°C		
<b>Self-Discharge</b>	Batteries may be stored for up to 6 months at 25°C (77°F) and then a freshening charge is required. For higher temperatures the time interval will be shorter.		
<b>Design Life</b>	5 years		



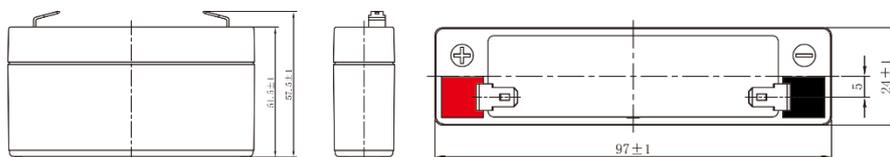
## Certificates / Standards

- UL Certified MH48553
- CE Certified
- Manufactured in certified production facilities; IATF16949/ ISO9001/ ISO14001



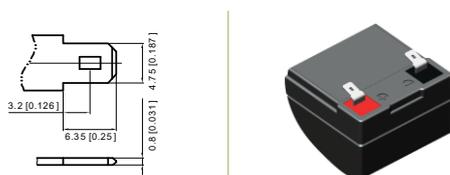
## Dimensions

### Layout



<b>Length</b>	97 mm
<b>Width</b>	24 mm
<b>Container Height</b>	51.5 mm
<b>Total Height</b>	57.5 mm

### Terminal



<b>Terminal</b>	T1
<b>Layout</b>	1

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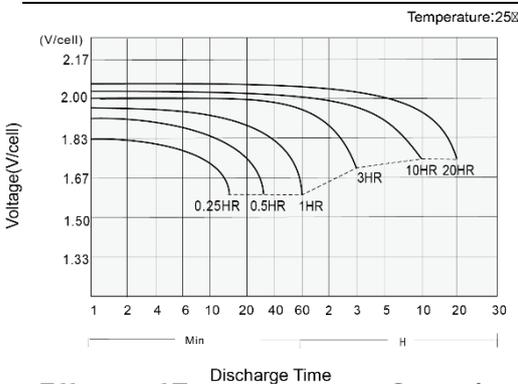
## Constant Current Discharge Characteristics: Amperes (25 ° C)

F.V / Time	10 min	15 min	30 min	1 hr	2 hr	3 hr	4 hr	5 hr	8 hr	10 hr	20 hr
1.85V	2.28	1.78	1.10	0.714	0.411	0.296	0.236	0.201	0.136	0.111	0.059
1.80V	2.42	1.86	1.14	0.731	0.418	0.301	0.240	0.204	0.138	0.112	0.059
1.75V	2.52	1.92	1.17	0.746	0.426	0.306	0.243	0.207	0.139	0.113	0.060
1.70V	2.62	1.99	1.20	0.760	0.432	0.311	0.246	0.209	0.141	0.115	0.060
1.67V	2.69	2.04	1.22	0.771	0.437	0.314	0.249	0.211	0.142	0.115	0.061
1.60V	2.80	2.11	1.25	0.789	0.446	0.319	0.253	0.215	0.144	0.117	0.062

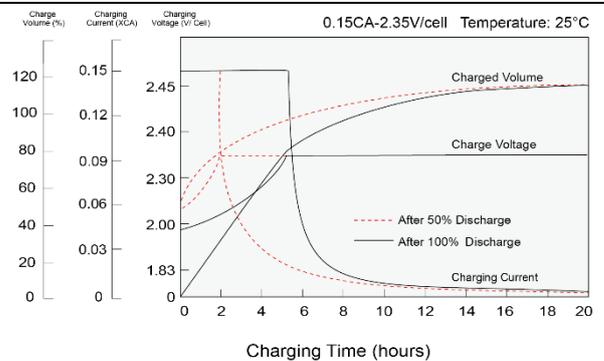
## Constant Power Discharge Characteristics: Watts/ cell (25 ° C)

F.V / Time	10 min	15 min	30 min	1 hr	2 hr	3 hr	4 hr	5 hr	8 hr	10 hr	20 hr
1.85V	4.34	3.40	2.13	1.39	0.804	0.583	0.465	0.397	0.269	0.220	0.117
1.80V	4.57	3.55	2.19	1.42	0.817	0.591	0.471	0.402	0.273	0.223	0.119
1.75V	4.72	3.64	2.23	1.44	0.830	0.599	0.477	0.407	0.275	0.225	0.120
1.70V	4.87	3.74	2.28	1.46	0.840	0.607	0.483	0.412	0.278	0.227	0.121
1.67V	4.98	3.82	2.32	1.48	0.848	0.612	0.487	0.415	0.280	0.229	0.122
1.60V	5.13	3.92	2.37	1.51	0.862	0.621	0.494	0.420	0.284	0.232	0.123

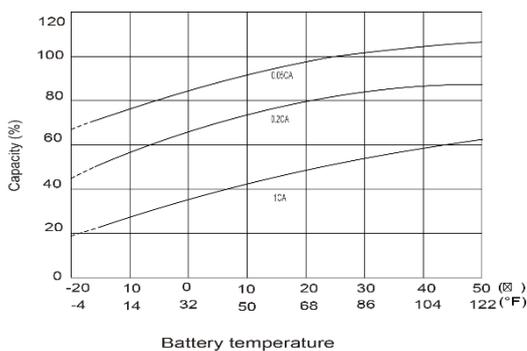
## Discharge Characteristic



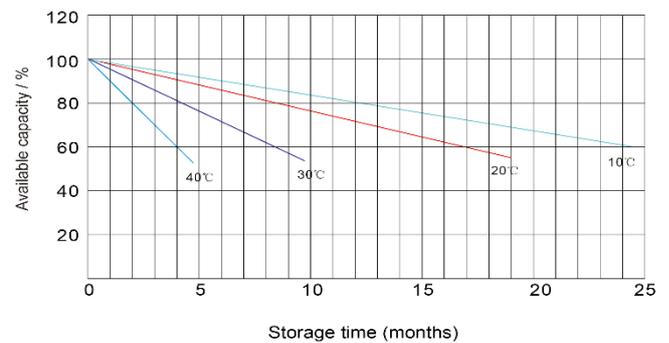
## Charging Characteristics



## Effects of Temperature on Capacity



## Self-Discharge Characteristics



(Note) All above information shall be changed without prior notice, Landport Batteries reserves the right to explain and update the latest information.