

LP6-2.8 (6V 2.8Ah)



Since 1993

Item Code: NSA LP6-2,8 T1
 EAN: 8717101026694

Specifications

Nominal Voltage	6		
Approx. Weight	0.55 Kg (1.21lbs)		
Container Material	ABS		
Rated Capacity (25 °C)	2.80 Ah	20hr, 0.140A, 1.75V/cell	
	2.65 Ah	10hr, 0.265A, 1.75V/cell	
	2.41 Ah	5hr, 0.482A, 1.75V/cell	
	2.16 Ah	3hr, 0.719A, 1.75V/cell	
	1.89 Ah	1hr, 1.89A, 1.60V/cell	
Short-circuit Current	78.4A		
Internal Resistance	Approx. 22.0m Ω		
Operating Temp. Range	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
Nominal operating temp. Range	25±3°C (77± 5°F)		
Effect of Temp. to Capacity	40 °C	104 °F	103%
	25 °C	77 °F	100%
	0 °C	32 °F	86%
Max. Charging Current (25°C)	0.84A		
Cycle Use	Voltage 7.3V~7.4V at 25°C (77 °F) Temp. Coefficient -5mV/Cell/°C		
Standby Use	Voltage 6.4V~6.8V at 25°C (77°F) Temp. Coefficient - 3mV/Cell/°C		
Self-Discharge	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.		
Design Life	5 years		



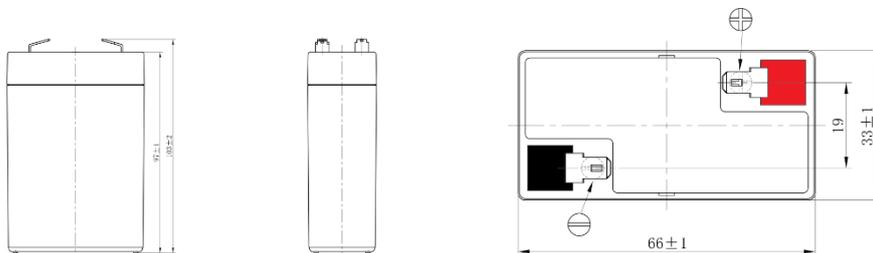
Certificates / Standards

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



Dimensions

Layout



Length	66 mm
Width	33 mm
Container Height	97 mm
Total Height	103 mm

Terminal



Terminal	T1
Layout	5

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Since 1993

13-01-2026

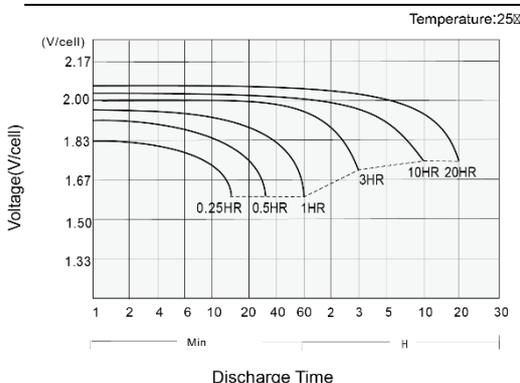
Constant Current Discharge Characteristics: Amperes (25 ° C)

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	6.18	4.81	2.88	1.71	0.972	0.697	0.551	0.469	0.316	0.259	0.137
1.80V	6.55	5.05	2.97	1.75	0.990	0.708	0.559	0.476	0.321	0.262	0.138
1.75V	6.82	5.22	3.05	1.79	1.01	0.719	0.567	0.482	0.325	0.265	0.140
1.70V	7.09	5.39	3.12	1.82	1.02	0.730	0.575	0.489	0.328	0.268	0.141
1.67V	7.29	5.52	3.18	1.85	1.03	0.737	0.580	0.493	0.331	0.269	0.142
1.60V	7.60	5.71	3.27	1.89	1.06	0.751	0.590	0.501	0.335	0.273	0.144

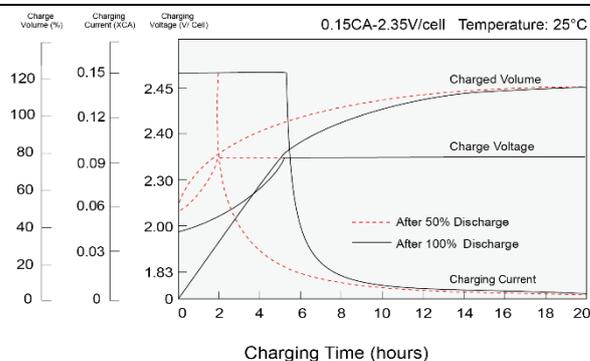
Constant Power Discharge Characteristics: Watts/ cell (25 ° C)

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	11.8	9.21	5.57	3.33	1.90	1.37	1.09	0.926	0.627	0.514	0.274
1.80V	12.4	9.61	5.72	3.40	1.93	1.39	1.10	0.938	0.636	0.521	0.277
1.75V	12.8	9.87	5.84	3.46	1.96	1.41	1.11	0.949	0.642	0.525	0.280
1.70V	13.2	10.1	5.96	3.51	1.99	1.43	1.13	0.961	0.648	0.531	0.282
1.67V	13.5	10.4	6.05	3.56	2.01	1.44	1.14	0.968	0.653	0.534	0.284
1.60V	13.9	10.6	6.18	3.62	2.04	1.46	1.15	0.981	0.662	0.540	0.288

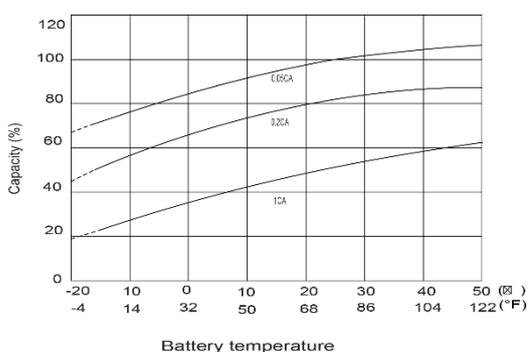
Discharge Characteristic



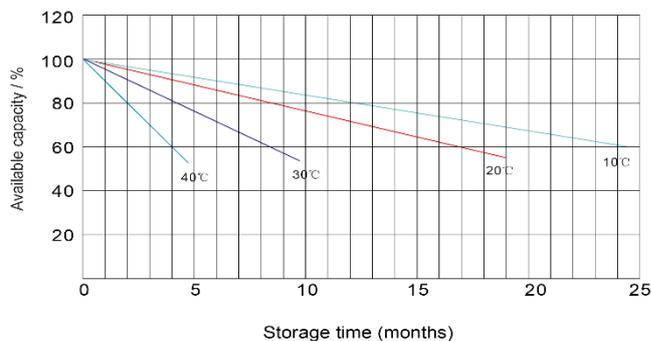
Charging Characteristics



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.