

LP12-12 (12V 12Ah)



Since 1993

6-2-2026

Item Code: NSA LP12-12 T2
 EAN: 8717101007327

Specifications

Nominal Voltage	12		
Approx. Weight	3.24 Kg (7.14lbs)		
Container Material	ABS		
Rated Capacity (25 °C)	12.00 Ah	20hr, 0.600A, 1.80V/cell	
	11.00 Ah	10hr, 1.10A, 1.80V/cell	
	10.20 Ah	5hr, 2.04A, 1.75V/cell	
	9.00 Ah	3hr, 3.00A, 1.75V/cell	
	7.20 Ah	1hr, 7.20A, 1.60V/cell	
Short-circuit Current	336A		
Internal Resistance	Approx. 19.0 mΩ		
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)	3.60A		
Cycle Use	Voltage 14.6V~14.8V at 25°C (77 °F) Temp. Coefficient -5mV/Cell/°C		
Standby Use	Voltage 13.6V~13.8V 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		



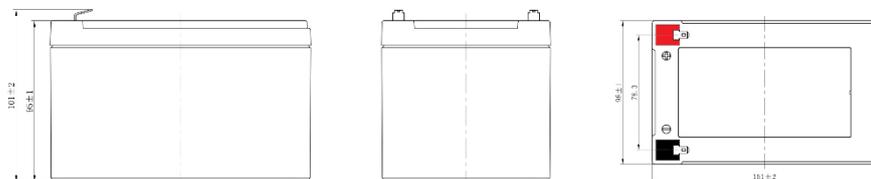
Certificates / Standards

- UL Certified MH48553
- CE Certified
- Manufactured in certified production facilities; IATF 16949/ ISO 9001/ ISO 14001



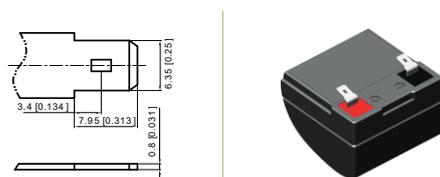
Dimensions

Layout



Length	151 mm
Width	98 mm
Container Height	95 mm
Total Height	101 mm

Terminal



Terminal	T2
Layout	3

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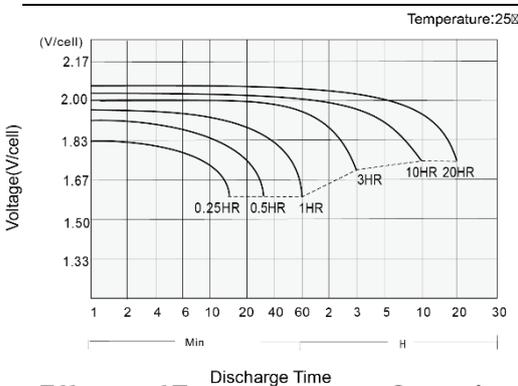
Constant Current Discharge Characteristics: Amperes (25 ° C)

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	22.7	18.1	11.0	6.59	3.82	2.91	2.34	1.99	1.34	1.09	0.587
1.80V	23.9	18.8	11.3	6.72	3.88	2.95	2.37	2.01	1.35	1.10	0.594
1.75V	25.1	19.5	11.5	6.84	3.94	3.00	2.40	2.04	1.37	1.12	0.600
1.70V	26.2	20.2	11.8	6.96	4.01	3.04	2.43	2.07	1.39	1.13	0.606
1.67V	26.9	20.6	12.0	7.03	4.04	3.07	2.45	2.08	1.40	1.14	0.609
1.60V	28.6	21.6	12.3	7.20	4.12	3.13	2.50	2.12	1.42	1.16	0.618

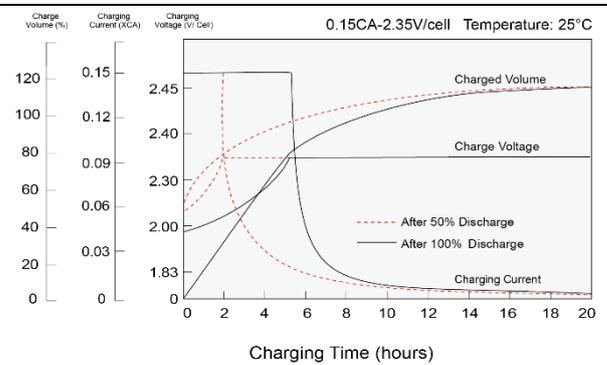
Constant Power Discharge Characteristics: Watts/ cell (25 ° C)

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	43.5	34.8	21.2	12.8	7.49	5.72	4.60	3.92	2.65	2.17	1.17
1.80V	45.4	36.0	21.7	13.0	7.58	5.79	4.66	3.97	2.68	2.19	1.19
1.75V	47.4	37.1	22.1	13.2	7.68	5.87	4.72	4.02	2.71	2.22	1.20
1.70V	49.3	38.2	22.5	13.4	7.78	5.94	4.77	4.06	2.74	2.24	1.21
1.67V	50.5	38.9	22.8	13.5	7.84	5.98	4.80	4.09	2.76	2.26	1.22
1.60V	53.1	40.4	23.3	13.8	7.97	6.08	4.88	4.15	2.80	2.29	1.24

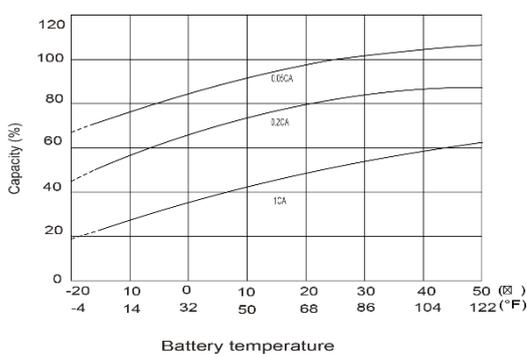
Discharge Characteristic



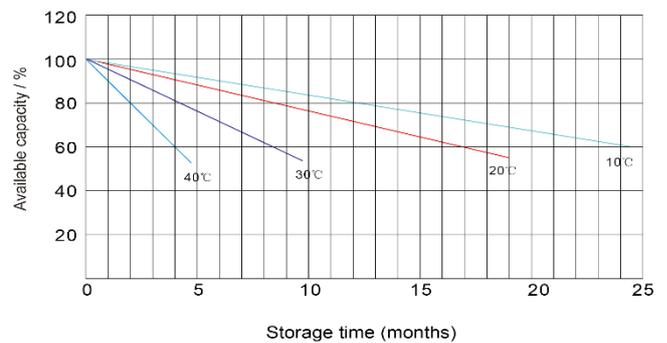
Charging Characteristics



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.