

LP12-7.2 (12V 7.2Ah)



Since 1993

13-3-2026

Item Code: NSA LP12-7,2 T1VDS
 EAN T1: 8717101009505

Specifications

Nominal Voltage	12		
Approx. Weight	2.50 Kg (5.51lbs)		
Container Material	ABS		
Rated Capacity (25 °C)	7.50 Ah	20hr, 0.375A, 1.75V/cell	
	7.17 Ah	10hr, 0.722A, 1.67V/cell	
	6.45 Ah	5hr, 1.29A, 1.75V/cell	
	5.73 Ah	3hr, 1.91A, 1.75V/cell	
	4.90 Ah	1hr, 4.90A, 1.60V/cell	
Short-circuit Current	210A		
Internal Resistance	Approx. 23.0 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)	2.25A		
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		



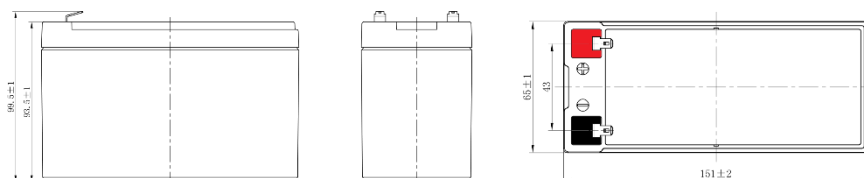
Certificates / Standards

- UL Certified MH48553
- CE Certified
- VdS G123019
- Manufactured in certified production facilities; IATF 16949/ ISO 9001/ ISO 14001



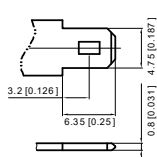
Dimensions

Layout



Length	152 mm
Width	65.5 mm
Container Height	94.5 mm
Total Height	100 mm

Terminal



Terminal	T1
Layout	3

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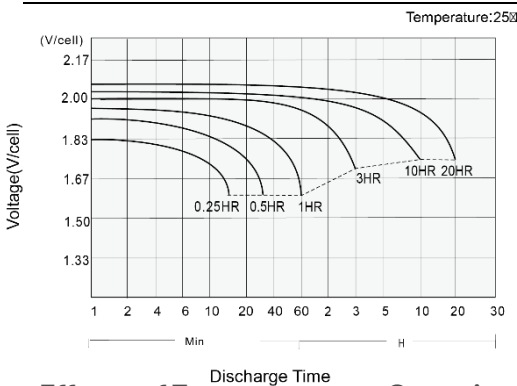
Constant Current Discharge Characteristics: Amperes (25 ° C)

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	16.5	12.3	7.40	4.43	2.57	1.85	1.48	1.26	0.848	0.693	0.367
1.80V	17.5	12.9	7.63	4.54	2.62	1.88	1.50	1.27	0.860	0.702	0.371
1.75V	18.2	13.3	7.83	4.63	2.66	1.91	1.52	1.29	0.869	0.709	0.375
1.70V	18.9	13.8	8.03	4.72	2.70	1.94	1.54	1.31	0.878	0.717	0.378
1.67V	19.5	14.1	8.17	4.79	2.73	1.96	1.55	1.32	0.885	0.722	0.381
1.60V	20.3	14.6	8.39	4.90	2.79	2.00	1.58	1.34	0.898	0.731	0.385

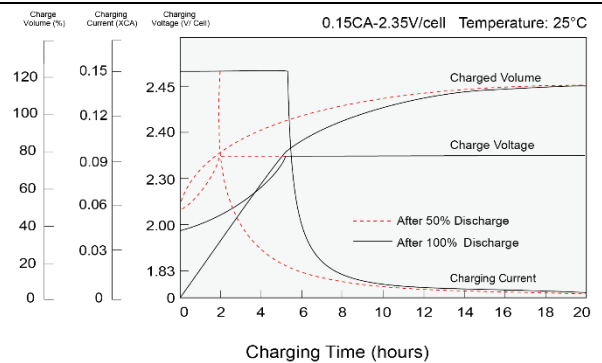
Constant Power Discharge Characteristics: Watts/ cell (25 ° C)

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	31.4	23.5	14.3	8.62	5.03	3.64	2.91	2.48	1.68	1.38	0.733
1.80V	33.1	24.5	14.7	8.80	5.11	3.69	2.95	2.51	1.70	1.39	0.742
1.75V	34.2	25.2	15.0	8.95	5.19	3.74	2.98	2.54	1.72	1.41	0.750
1.70V	35.3	25.9	15.3	9.08	5.25	3.79	3.02	2.57	1.74	1.42	0.756
1.67V	36.1	26.4	15.5	9.20	5.30	3.82	3.04	2.59	1.75	1.43	0.762
1.60V	37.2	27.1	15.9	9.37	5.38	3.88	3.09	2.63	1.77	1.45	0.770

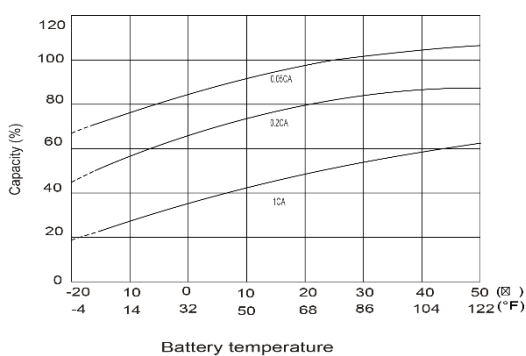
Discharge Characteristic



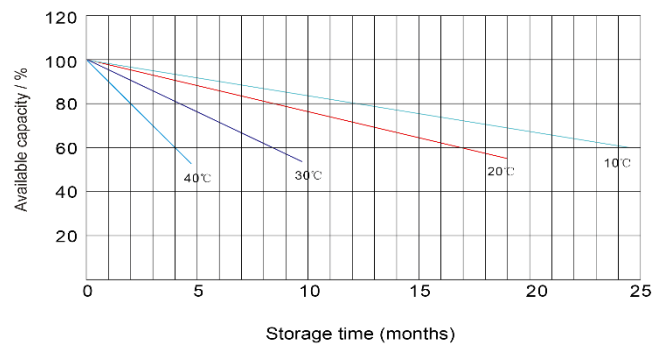
Charging Characteristics



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.