LP SERIES ϟ VRLA AGM BATTERY ϟ MULTI-PURPOSE SERIES

LP12-250 (12V 260Ah)

LP BATTERIES

Since 1993

6-2-2026

Item Code: NSA LP12-250 T11
EAN: 8717101004715

Specifications

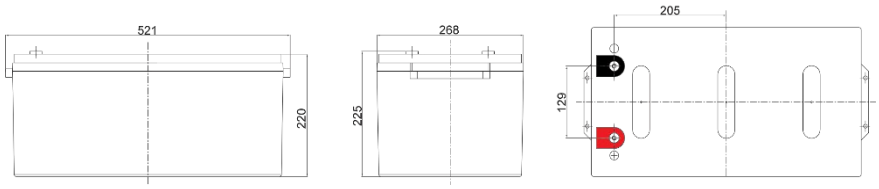
Nominal Voltage	12		
Approx. Weight	70.0 Kg (154.32 lbs)		
Container Material	ABS		
Rated Capacity (25˚C)	272.00 Ah		20hr, 13.60A, 1.80V/cell
	260.00 Ah		**10hr, 26.00A, 1.80V/cell**
	227.00 Ah		5hr, 45.40A, 1.75V/cell
	201.10 Ah		3hr, 67.10A, 1.75V/cell
	158.90 Ah		1hr, 158.90A, 1.60V/cell
Short-circuit Current	4810A		
Max. Discharge Current	2600A (5s)		
Internal Resistance	Approx. 3.20m Ω		
Operating Temp. Range	Discharge:	-20˚C~60˚C	-4˚F~140˚F
	Charge:	0˚C~50˚C	32˚F~122˚F
	Storage:	-20˚C~60˚C	-4˚F~140˚F
Nominal operating temp. Range	25±5°C (77± 9°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)	81.6A		
Cycle Use	Voltage 14.6 V~14.8 V at 25°C (77°F) Temp. Coefficient -4mV/°C /Cell		
Standby Use	Voltage 13.6 V~13.8 V at 25°C (77°F) Temp. Coefficient: -3mV/°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	12 Years		

Certificates / Standards

- UL Certified MH 64495
- CE Certified
- Manufactured in certified production facilities; ISO 9001/ ISO 14001/ OHSAS18001

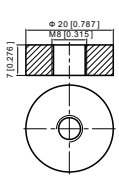
Dimensions

Layout



Length	521 mm
Width	268 mm
Container Height	220 mm
Total Height	225 mm

Terminal



Terminal	T11
Terminal Torque	10~12 Nm
Layout	4

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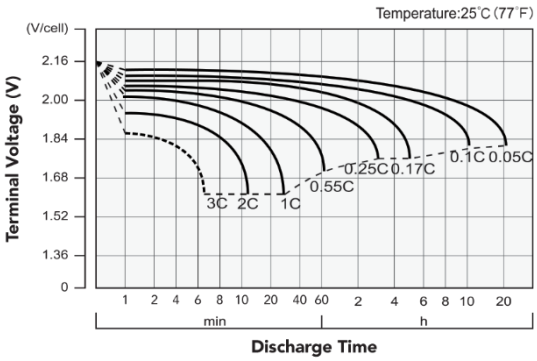
Constant Current Discharge Characteristics: Amperes (25˚C)

F.V / Time	15 min	30 min	1 hr	2 hr	3 hr	4 hr	5 hr	8 hr	10 hr	20 hr
1.85V	284.7	203.5	123.3	75.5	60.1	48.0	41.2	29.2	24.5	13.0
1.80V	343.1	236.3	137.5	82.4	65.0	51.6	44.2	31.1	26.0	13.6
1.75V	371.6	247.2	143.0	85.5	67.1	53.2	45.4	31.6	26.3	13.8
1.70V	399.3	258.7	148.4	88.6	69.1	54.6	46.5	32.1	26.7	13.9
1.67V	426.3	270.6	153.4	91.6	71.1	56.1	47.8	32.6	27.1	14.1
1.60V	445.9	281.9	158.9	94.6	73.3	57.6	49.1	33.0	27.4	14.3

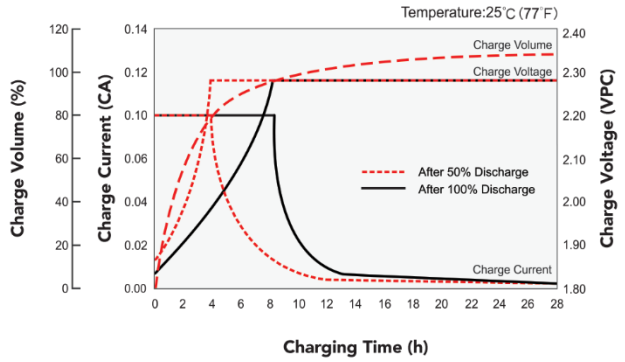
Constant Power Discharge Characteristics: Watts/ cell (25˚C)

F.V / Time	15 min	30 min	1 hr	2 hr	3 hr	4 hr	5 hr	8 hr	10 hr	20 hr
1.85V	534.9	388.8	238.8	146.9	117.2	93.9	80.8	57.7	48.4	25.7
1.80V	635.6	447.0	264.7	159.4	126.3	100.6	86.4	61.3	51.4	27.0
1.75V	678.8	463.0	273.6	164.5	129.8	103.2	88.4	62.2	52.0	27.2
1.70V	718.9	479.5	282.3	169.7	133.2	105.5	90.4	63.0	52.6	27.5
1.67V	756.3	496.7	289.9	174.5	136.3	108.1	92.4	63.8	53.3	27.8
1.60V	779.5	512.0	298.5	179.4	140.1	110.7	94.6	64.4	53.9	28.2

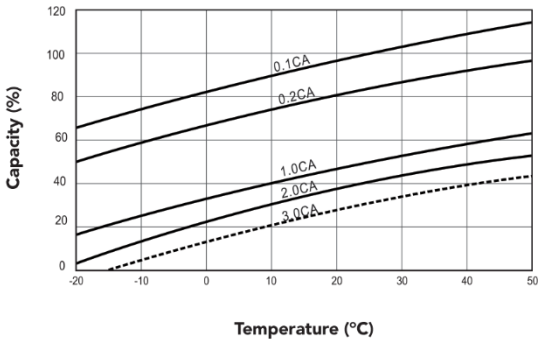
Discharge Characteristic



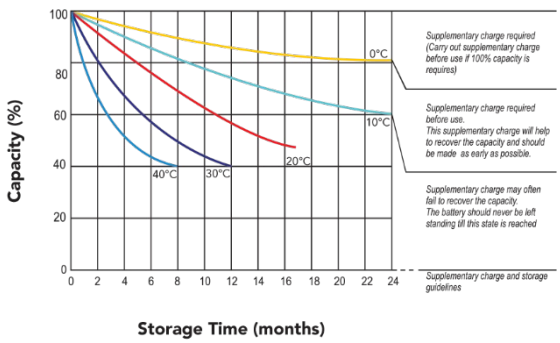
Charging Characteristics



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.