

LP12-200 (12V 200Ah)



Since 1993

Item Code: NSA LP12-200 T11
 EAN: 8717101007303

Specifications

Nominal Voltage	12		
Approx. Weight	58.0 Kg (127.86 lbs)		
Container Material	ABS		
Rated Capacity (25 °C)	210.00 Ah	20hr, 10.50A, 1.80V/cell	
	200.00 Ah	10hr, 20.00A, 1.80V/cell	
	174.50 Ah	5hr, 34.90A, 1.75V/cell	
	154.80 Ah	3hr, 51.60A, 1.75V/cell	
	122.20 Ah	1hr, 122.20A, 1.60V/cell	
Short-circuit Current	3430A		
Max. Discharge Current	2000A (5s)		
Internal Resistance	Approx. 3.50m 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)	63.0A		
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		



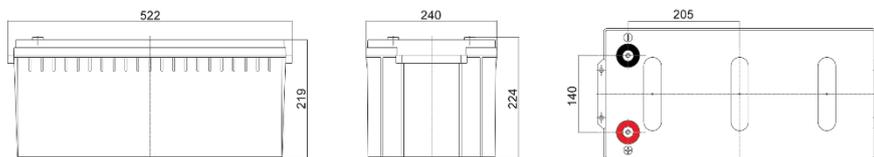
Certificates / Standards

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



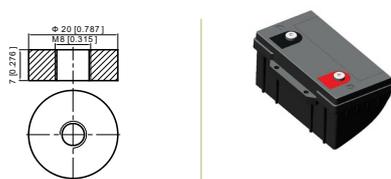
Dimensions

Layout



Length	522 mm
Width	240 mm
Container Height	219 mm
Total Height	224 mm

Terminal



Terminal	T11
Terminal Torque	10~12 Nm
Layout	4

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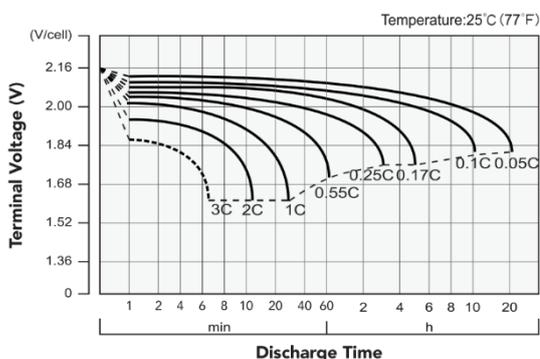
Constant Current Discharge Characteristics: Amperes (25 ° C)

F.V / Time	10 min	15 min	30 min	1 hr	2 hr	3 hr	4 hr	5 hr	8 hr	10 hr	20 hr
1.85V	258.8	224.9	156.5	94.9	58.1	46.2	36.9	31.7	22.5	18.8	10.0
1.80V	316.7	271.0	181.8	105.8	63.4	50.0	39.7	34.0	23.9	20.0	10.5
1.75V	349.8	293.5	190.2	110.0	65.8	51.6	40.9	34.9	24.3	20.3	10.6
1.70V	382.2	315.4	199.0	114.2	68.2	53.2	42.0	35.8	24.7	20.5	10.7
1.67V	415.1	336.8	208.2	118.0	70.5	54.7	43.1	36.8	25.1	20.8	10.9
1.60V	439.3	352.3	216.8	122.2	72.8	56.4	44.3	37.7	25.4	21.1	11.0

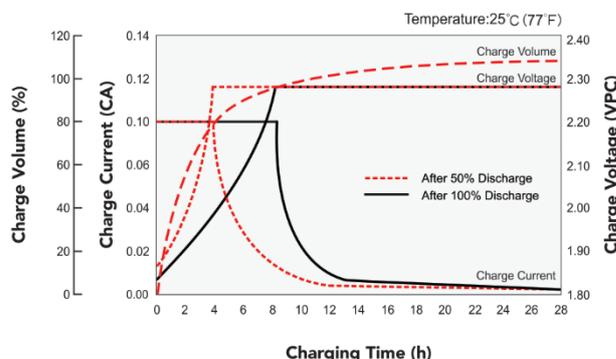
Constant Power Discharge Characteristics: Watts/ cell (25 ° C)

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	481.4	422.6	299.1	183.7	113.0	90.2	72.2	62.2	44.4	37.3	19.7
1.80V	578.7	502.1	343.9	203.6	122.6	97.1	77.4	66.5	47.1	39.5	20.8
1.75V	628.4	536.2	356.2	210.5	126.5	99.8	79.4	68.0	47.8	40.0	21.0
1.70V	674.3	568.0	368.8	217.1	130.5	102.5	81.2	69.5	48.4	40.5	21.2
1.67V	719.3	597.5	382.1	223.0	134.2	104.9	83.1	71.1	49.1	41.0	21.4
1.60V	746.8	615.8	393.8	229.6	138.0	107.7	85.1	72.7	49.5	41.5	21.7

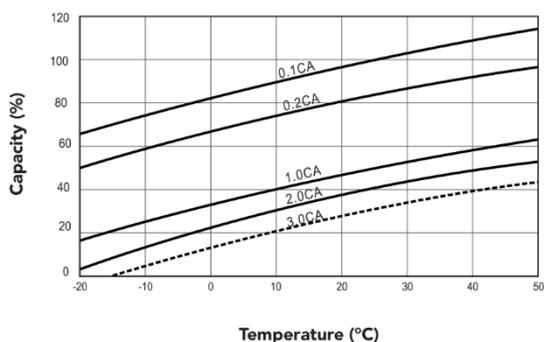
Discharge Characteristic



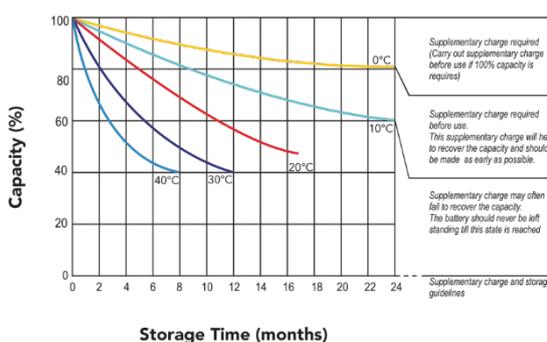
Charging Characteristics



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.