

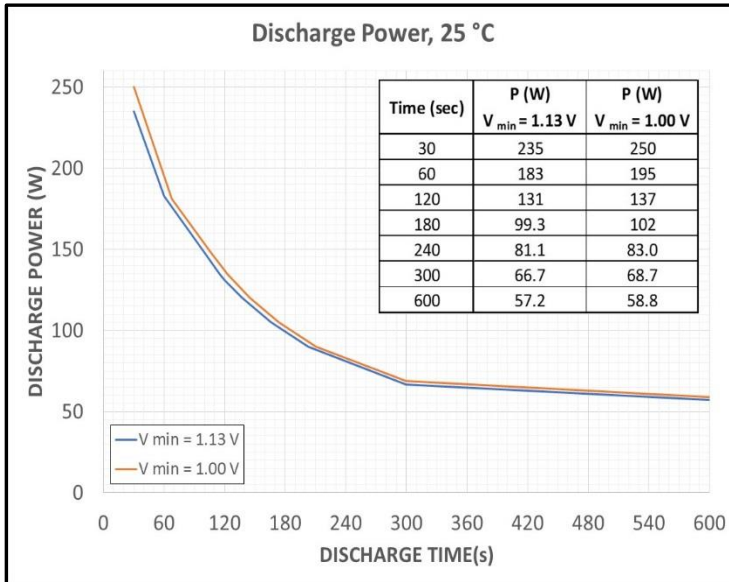
Natron Energy – V6.0 Cell - Specifications

Proprietary and Confidential

Version 1.2

August 08, 2019

Performance (25° C)		
Energy Efficiency (1C-1C)	>97	%
Coulombic Efficiency (1C-1C)	>99	%
Cycle Life (100% DOD)	>10,000	cycles



Electrical Characteristics (25° C)		
Maximum Operating Voltage	1.81	V
50% SOC Voltage	1.56	V
Cutoff Voltage, Discharge < 4.0 A	1.19	V
Cutoff Voltage, Discharge > 4.0 A	1.00	V
Nominal Energy, 1 hour	6.7	Wh
Nominal Capacity, 1 hour	4.3	Ah
Maximum Discharge Current	200	A

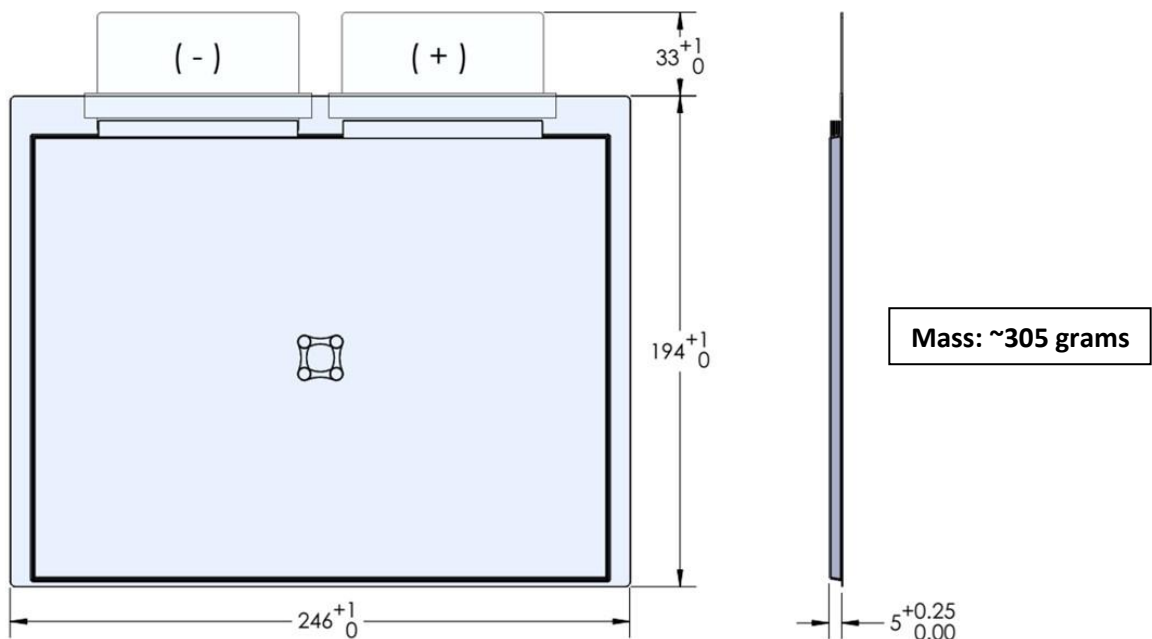
Charge Capabilities (25° C)		
0 - 99% Recharge time	6	min
Float Charge Voltage	1.81	V
Maximum Allowable Voltage *	2.50	V
Maximum Charge Current	80	A
Maximum In-Rush Current	200	A

*Short durations under abnormal conditions only.

Ambient Temperatures		
Operating	-20 to +45	° C
Recommended Storage	-20 to +50	° C
Transportation *	-50 to +60	° C

*Up to 2 weeks at >50 °C

Typical Outline Dimensions:



This data is subject to change. Contact Natron Energy for latest information.



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