



VERTICAL PARTNERS WEST, LLC

SPECIFICATIONS

Part#: 551206

Description:

5-Cell 3000mAh 6V PTC Flat Pack NiMH



Nickel Metal Hydride

ELECTRICAL SPECIFICATIONS

Nominal Voltage	6V
Nominal Capacity	3000mAh
Resistance	$\leq 55 \text{ m}\Omega$

DISCHARGE SPECIFICATIONS

Maximum Continuous Discharge Current	7.3A
PTC Trip Current	14.1A
Minimum Voltage	5V

CHARGE SPECIFICATIONS

Recommended Charge Current	(0.1C) 0.3A
Trickle Charge Current	(0.05C) 0.15A
Maximum Charge Current	1C (3A)
Maximum Voltage	7.5V

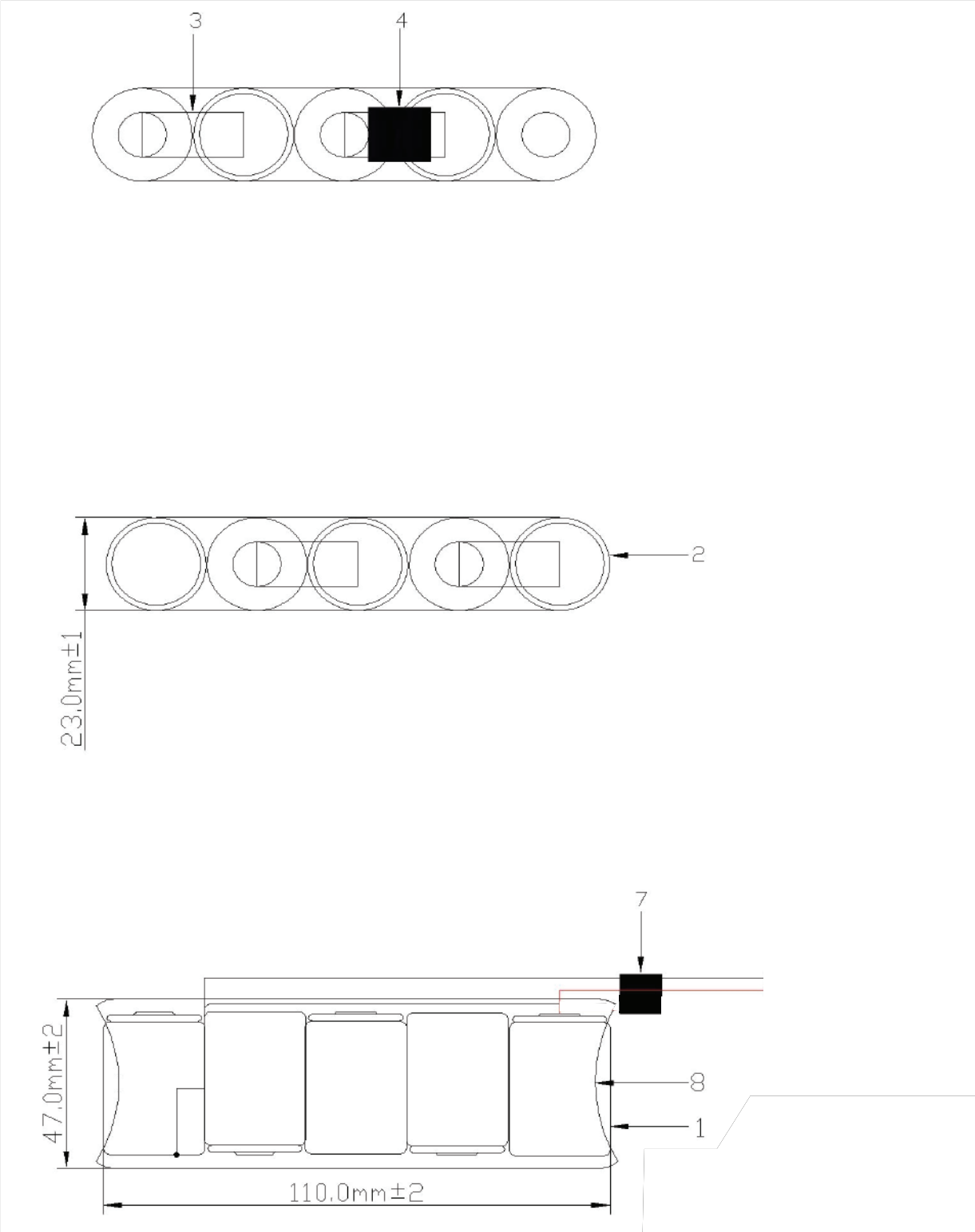
MECHANICAL SPECIFICATIONS

Dimensions	4.3 x 1.8 x 0.9 in 110 x 46 x 23 mm
Weight	290g (10.2 oz)
Terminal Type	N/A - No Plug
Case Material	Shrink Wrap
Cell Type	Sub-C

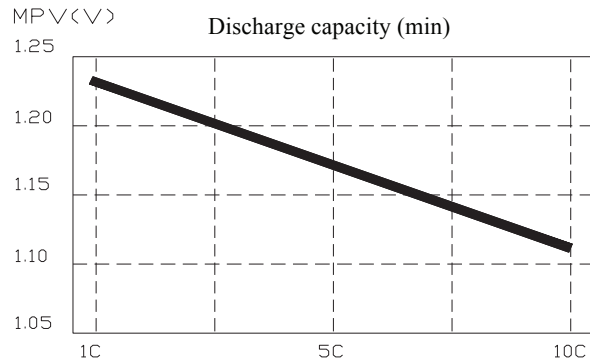
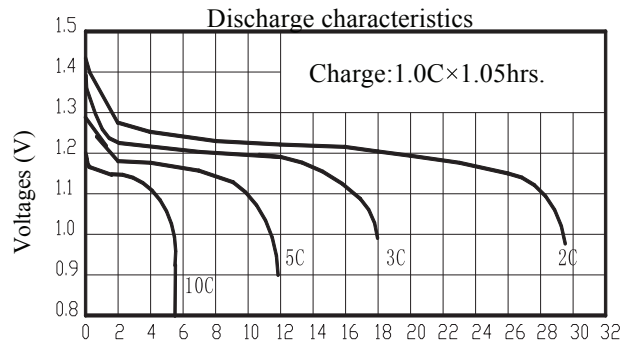
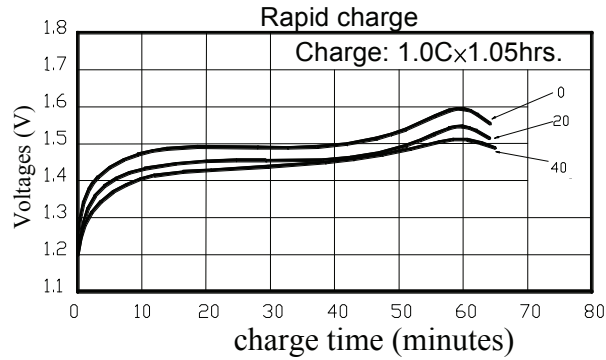
TEMPERATURE SPECIFICATIONS

Discharge Temperature	-20 ~ 50 °C
Charge Temperature	0 ~ 45 °C
Storage Temperature	-20 ~ 40 °C

DIMENSIONAL SPECIFICATIONS



PERFORMANCE CHARACTERISTICS



Charge retention curves of Ni-MH cylindrical cell At various storage temperature

