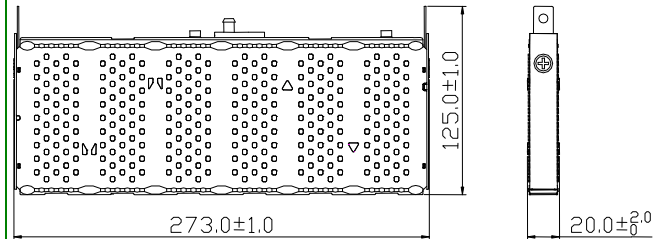


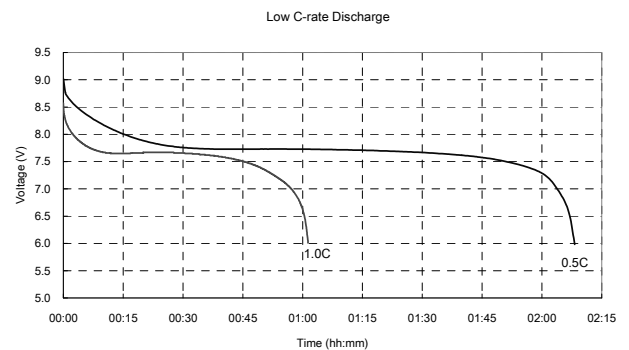
Type	: Rechargeable Nickel Metal Hydride Prismatic Batteries
Nominal Dimension	: T = 20.0mm +2/-0 H= 125.0mm +/-1 W = 273.0mm +/-1
Nominal Voltage	: 7.2V
Capacity	: 6.5Ah min. at 3.25A (0.5C) discharge to 6.0V / module at 20°C
Specific Energy	: 41Wh/kg at 0.5C discharge
Specific Power	: 402W/kg with 80% SOC at 10C 30sec.
Energy density	: 62Wh/L at 0.5C discharge
Power density	: 609W/L with 80% SOC at 10C 30sec.
Charging Current	: 1.3A to 3.25A recommended
Charging Termination (Consult GP for other charging conditions)	: -ΔV : 0mV/cell to 10mV/cell TCO : 45°C Timer : 100% nominal capacity input
	The above 3 charge termination controls must be used concurrently

Max. Charging Temp.	: Cell temperature must not exceed 45°C
Max. Charging Current	: 6.5A (1C) continuous (Consult GP for high current fast charge)
Max. Discharge Current	: 65A (10C) continuous 130A (20C) pulse for 5s
Service Life	: >1500 cycles (80%DOD at 1C)
Weight	: ~1.15kg
Internal Resistance	: < 8 mΩ
Ambient Temperature Range	: Charge : 0 to 45°C (conditionally) Discharge : -20°C to 50°C (conditionally) Storage : -20 to 35°C

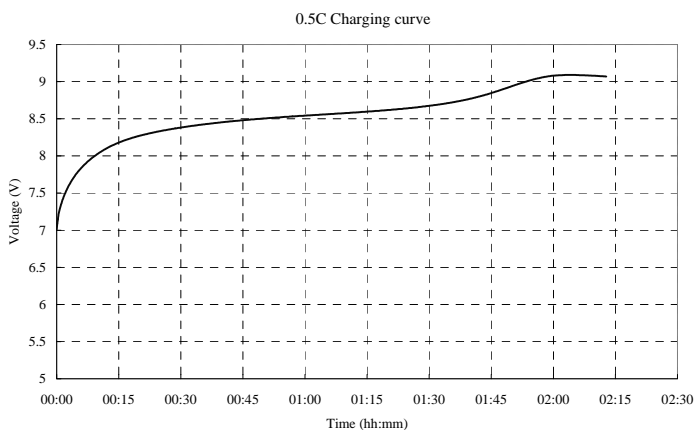
Model No.: 6GP7PVS



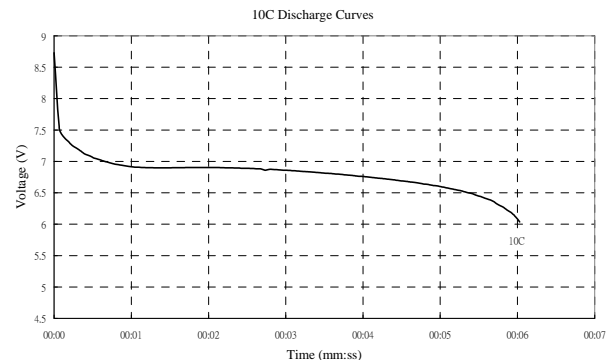
Low C-rate Discharge at 20°C



Charging Characteristics at 20°C



High C-rate Discharge at 20°C



Remark: Clamping is necessary during charge and discharge for unit cell.

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The information (subject to change without prior notice) contained in this document is for reference only and should not be used as a basis for product guarantee or warranty. For applications other than those described here, please consult your nearest GP Sales and Marketing Office or Distributors.