

PowerStream Data Sheet for QNF100

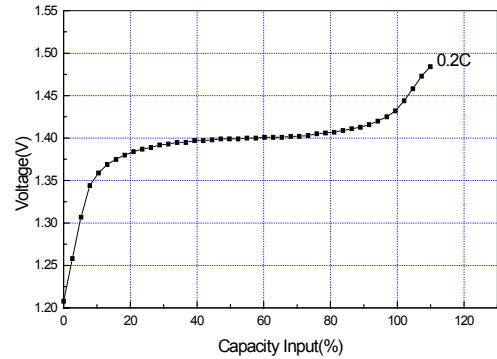
Data Sheet for QNF100

Specifications:

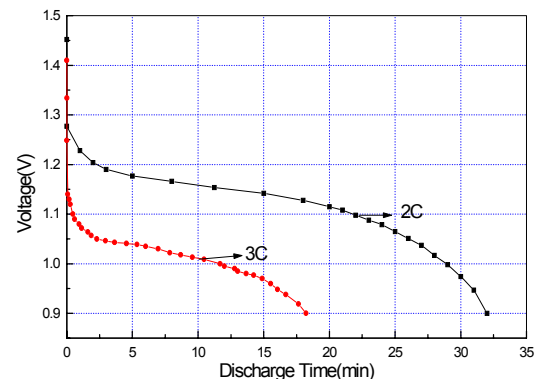
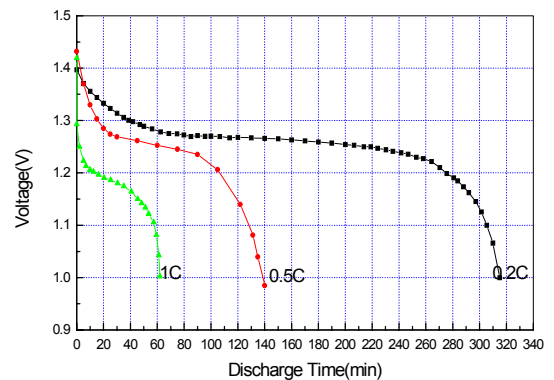
Characteristics:

Type	: Rechargeable Nickel Metal Hydride Prismatic Cell
Model	: QNF100
Nominal Dimension	: 112×34×180mm ³
Weight	: about 1.9Kg
Nominal Voltage	: 1.2V
Nominal Capacity	: 100Ah at 20A discharge to 1.0V/ Cell at 20□
Specific Energy	: 63Wh/Kg at 0.2C discharge
Specific Power	: 250W/Kg /30 sec
Charging Condition	: 20A charging 4h□ and 10A charging 3h
Max. Charging Temp	: Cell temperature must not exceed 50□
Service Life	: >800 Cycles
Continuous Overcharge	: 3A maximum No conspicuous deformation and/or leakage
Internal Resistance	: Below 2mΩ
Ambient Temperature	: Charging 0□ to 35□ High-rate Discharge 0□ Storage -10□ to 35□
Max Discharge Current	: 400A

Charge



Low-rate Discharge



*The above information is generally descriptive only and is not intended as guarantee or warranty. Cell and battery specifications are subject to change without notice. All descriptions or warranties are contained solely in specification sheets accompanying formal offers. Please consult HP for conditions of application outside those described in this document.