

QNF25 Large NiMH Cell with 25 AH capacity and 250 Amps maximum discharge current

Data Sheet for QNF25

Specifications:

Characteristics:

Data Sheet for QNF25

Type Rechargeable Nickel Metal

Charge

Hydride Prismatic Cell

Model : QNF25

Nominal Dimension : 85 x 33x 121mm³

Weight : about 0.7Kg

Nominal Voltage : 1.2V

Nominal Capacity : 25Ah at 5A discharge to

1.0V/Cell at 20 °C

Specific Energy : 55Wh/Kg at 0.2C discharge Low-rate Discharge

Specific Power : 550W/Kg /30 sec

Charging Condition : 5A charging 4h and 3A

charging 3h

Max. Charging Temp : Cell temperature must not

exceed 50

Service Life : >800 Cycles

Continuous Overcharge : 0.8A maximum

No conspicuous deformation

and/or leakage

Internal Resistance : Below 3mΩ

Ambient Temperature :Charging 0 to 35 °C

Discharging -10 to 50 °C

Storage -10 to 35 °C

Max Discharge Current : 250A



