Data Sheet for QNF25

Specifications:

- Type: Rechargeable Nickel Metal Hydride Prismatic Cell
- Model: QNF25
- Nominal Dimension: 85 x 33 x 121 mm³
- Weight: About 0.7 Kg
- Nominal Voltage: 1.2V
- Nominal Capacity: 25 Ah at 5A discharge to 1.0V/Cell at 20°C

Characteristics:

- Specific Energy: 55 Wh/Kg at 0.2C discharge
- Specific Power: 550 W/Kg /30 sec
- Charging Condition: 5A charging 4h and 3A charging 3h
- Max. Charging Temp: Cell temperature must not exceed 50°C
- Service Life: > 800 Cycles
- Continuous Overcharge: 0.8A maximum
- No conspicuous deformation and/or leakage

- Internal Resistance: Below 3 mΩ
- Ambient Temperature:
  - Charging: 0 to 35°C
  - Discharging: -10 to 50°C
  - Storage: -10 to 35°C
- Max Discharge Current: 250A