QNF12 Large Prismatic NiMH Cell with 12 Amp Hours and 120 Amps maximum discharge

Data Sheet for QNF12

Specifications:

- **Type**: Rechargeable Nickel Metal Hydride Prismatic Cell
- **Model**: QNF12
- **Nominal Dimension**: 59×16×102mm³
- **Weight**: about 0.3Kg
- **Nominal Voltage**: 1.2V
- **Nominal Capacity**: 12Ah at 3.6A discharge to 1.0V/Cell at 20C
- **Specific Energy**: 55Wh/Kg at 0.2C discharge
- **Specific Power**: 210W/Kg /30 sec
- **Charging Condition**: 2.4A charging 4h and 1.2A charging 3h
- **Max. Charging Temp**: Cell temperature must not exceed 50°C
- **Service Life**: >1000 Cycles
- **Continuous Overcharge**: 0.3A maximum
- **No conspicuous deformation and/or leakage**
- **Internal Resistance**: Below 4mΩ
- **High-rate Discharge**: Max Discharge Current: 120A
- **Ambient Temperature**: Charging 0 to 35C
- **Discharging**: -10 to 50C
- **Storage**: -10 to 35C

*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.*