

# QNF18 18 Amp Hour, 180 Amp discharge NiMH Prismatic Cell

Data Sheet for QNF18

Specifications:

Characteristics:

## Data Sheet for QNF18

Type : Rechargeable Nickel Metal Charge  
Hydride Prismatic Cell

Model : QNF18

Nominal Dimension :  
59×16×102mm<sup>3</sup>

Weight : about 0.4Kg

Nominal Voltage : 1.2V

Nominal Capacity : 18Ah at 5.4A discharge to 1.0V/Cell at 20

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

Specific Power : 550W/Kg /30 sec

Charging Condition : 3.6A charging 4h and 1.8A  
charging 3h

Max. Charging Temp : Cell temperature must not  
exceed 50 °C

Service Life : >1000 Cycles

Continuous Overcharge : 0.5A maximum  
No conspicuous deformation  
and/or leakage

Internal Resistance : Below 3mΩ

High-rate Discharge Max Discharge Current : 180A

Ambient Temperature :Charging 0 to 35

Discharging -10 to 50

Storage -10 to 35

\*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. conditions of application

