



## GP BATTERIES UK Ltd.

### Specification Sheet

### Rechargeable NiCd Battery

Type. GP140F8K (PP9)

Farnell Part No. 521 577

#### Discharge:

Nominal Voltage ----- 8.4

End of Discharge voltage ----- 7.0

Nominal Capacity ---- 1400 mAh (0.2CA Rate) at 20° C

Typical Capacity ----- 1500mAh (0.2CA Rate) at 20° C

Capacity at 2CA ---- 1200 mAh at 20° C

Maximum Rate ----- 2.8 A (2CA)

Internal Resistance -- 175 mOhm

Weight ----- 280 grams

Life ----- 500-1000 cycles at 20° C

#### Charge:

Charge Current ----- 140 mA

Charge Time ----- 14 - 16 hrs

Trickle Charge ----- 70 mA cont.

#### Temperature Range:

Charge ----- 0° to 40° C

Discharge ----- minus 20° C to 50° C

Storage ----- minus 20° C to 35° C

#### Important:

This battery is fitted with an automatically resetting short circuit protection device. In the event of a short circuit or excessive load the battery will safely shut down and reset upon removal of the fault condition.

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