**VH 4500 4/3 FA**

**Rechargeable Ni-MH Cylindrical**

**Data Sheet**

**Type Number** ............................. 55044  
**Designation IEC** .......................... 4/3 FA  
**System** ..................................... Ni-MH

**Nominal Voltage** ........................... 1.2 V  
**Typical Capacity (0.2C / 1.0V)** ......... 4500 mAh  
**Nominal Capacity (0.2C / 1.0V)** ...... 4300 mAh

**Impedance AC at 1kHz, fully charge.**  
<25 mΩ

**Max Discharge Current (3C / 1.0V)**  
12.900 mA

**Weight (approx.)** .......................... 63.0 g

**Dimensions**  
- **Diameter (a)** .............................. 17,60 18,30  
- **Height (b)** ................................ 65,50 67,00  
- **Cup Diameter (d)** ......................... 8,0

**Temperature Ranges**  
- **Storage**  
  - 1 Year (1)  
    - min: -20°C  
    - max: 25°C  
  - 6 Month  
    - min: -20°C  
    - max: 35°C  
  - 1 Month  
    - min: -20°C  
    - max: 45°C

- recharge every 3 months
- **Charge**  
  - 0°C  
  - 45°C
- **Fast Charge**  
  - -10°C  
  - 45°C
- **Discharge**  
  - -20°C  
  - 50°C

**Charge Conditions**  
- **Standard Charge**  
  - 450 mA / 16 h (tmax)
- **Fast Charge**  
  - 2150 mA to 4300 mA (0.5 to 1C)
  - -ΔV = 0 – 5 mV
  - DT/dt = 0.8°C/min (0.5 to 0.9C)
  - 0.8°C – 1°C/min (1C)
  - Temp. cut-off = 45 – 50°C
  - Timer: 105% nominal input
  - 215 – 430 mA
  - > 500 Cycles (IEC 61951-2)

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Information and contents in this data sheet are for reference purpose only. 
They do not constitute any warranty or representation and are subject to change without notice.

For most current information and further details, please contact your VARTA representative.

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