



Chemistry	Nickel–metal Hydride	
Designation IEC	HR14	
Cross Reference	C, 26500	
Performance	HYBRIO <i>Low Self Discharge / Pre-charged</i>	
Charge retention	≥ 80% after 6 months storage ≥ 75% after 12 months storage	
Nominal Voltage	1.2V	
Nominal Capacity	3000 mAh	
Minimal Capacity	2900 mAh	
Standard Discharge	580mA (0.2C), to 1.0V	
Max Continuous Discharge	2900mA (1C), to 1.0V <i>at 20±2°C, 55%±20%R.H</i>	
Standard charge	290mA (0.1C), 16 hours	
Quick charge	1450mA (0.5C), 2.4 hours	
Trickle charge	0.02C-0.05C (Temp: 0-40°C)	
Open Circuit Voltage	≥ 1.25 (initial)	
Internal impedance	≤ 18 mΩ	
Temperatures Ranges	Min	Max
Storage (≤3months)	-20°C	50°C
Storage (≤6months)	-20°C	35°C
Storage (≤24months)	-20°C	25°C
Operating Temperature	0°C	45°C
Weight (Approx.)	64.0g	
Dimensions	25.8 (D) x 50.5 (H) mm ±1.00	
Shelf life	≥ 500cycles	
Applications	Toys Power tools Remote controls Flashlights Security Devices Portable Radios	

