

MATERIAL DATA SHEET

Types: V15H, V40H, V80H, V65HT, V110HT, V150H, V150HT, V180H, V200H, V250H, CP300H, V350H, V7/8H
 p6/8h, p7/8h
 Chemical system: NiOOH | KOH | MH – Rechargeable
 Voltage: 1.2V (p6/8h - 7.2V, p7/8h, V7/8H - 8.4V)
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1. TYPE AND WEIGHT

Cell Type	Type No.	Weight (g)
V15H	55602	1.3
V40H	55604	1.7
V80H	55608	4
V65HT	55707	4
V110HT	55711	6
V150H	55615	6
V150HT	55715	6
V180H	55618	6
V200H	55620	7
V250H	55625	10
CP300H	55630	11
V350H	55635	13
V7/8H	05622	47
p6/8h	05722	41
p7/8h	05122	47

2. INGREDIENTS

Components	Materials	Approx. percentage (%) of total weight
Active materials*	- Nickel hydroxid – Ni(OH) ₂	10
	- Cobalt compounds	1 – 3
	- Hydrogen storage alloy	10 – 11
	- Potassium hydroxide – KOH	8
Passive materials*	- Steel	40 – 50
	- Metallic nickel	20 – 25
	- Plastic	3
	Mercury content – Hg < 0.1 mg/kg Cadmium content – Cd < 5 mg/kg Lead content – Pb < 15 mg/kg	

* All cell types are sealed button cells, no chemical hazard will be posed as long as the cell remains in sealed condition

3. SAFETY GUIDELINE

- 3.1 Keep out of the children. If swallowed, contact a physician at once.
- 3.2 Do not heat, dispose of in fire or mutilate, may burst or release toxic materials.
- 3.3 Do not short circuit, may cause burns.
- 3.4 Do not solder the battery directly.
- 3.5 Restrict charging current and time to the recommended value.
- 3.6 Observe charging temperature. 0 to +65°C.
- 3.7 Battery compartment should provide sufficient space for battery to expand in cause of abuse.
- 3.8 Either battery compartment or battery connector should have a design that makes it impossible to place the battery in reverse polarity.
- 3.9 Equipment intended for use by children should have tamper-proof battery compartment.
- 3.10 Battery of different electrochemical system, grades, or brands should not be mixed.
- 3.11 Battery disposal method should be in accordance with local state regulations

4. V15H, V40H, V80H, V65HT, V110HT, V150H, V150HT, V180H, V200H, V250H, CP300H, V350H, V7/8H, p6/8h and p7/8h are UL recognized components: category BBET2, file no. MH13654

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