

3919545

Data Sheet

Type Number:	55945	
System:	Nickel Metal Hydride / KOH Electrolyte	
UL Recognition:	pending	
Nominal Voltage [V]:	1,2	
Typical Capacity C [mAh]:	460	
Nominal Capacity C [mAh]:	450	
	at 0.2 CA / 1.00 V	
Weight, approx [g]:	12,5	
Coding:	Manufacturing 5 digit code (123 = day/4 = year/5 = vers)	
Temperature Ranges [°C]:	min.	max.
Storage:	-20	45
Discharge:	-20	65
Charge:	0	65
Dimensions [mm]:	min.	max.
Length [l]:	23,9	24,1
Width Facing [w]:	33,9	34,1
Height [h]:	5	5,4
Charging Method:		
Normal Charging:	45 mA for 14-16 h	
Accelerated Charging (20°C): ..	135 mA for 4 h	
Fast Charging :	450 mA for - h *	
Trickle Charging :	13,5 mA	
Overcharge (20°C):	mA continuous mA 1 year	
Charge Retention [%] at 20°C:	80	
	Capacity available after 1 month storage at 20 °C	
Internal Resistance [Ohm]:	0,14	
	at charged cells, 20 °C, DC: 0.5 CA/5 CA, (IEC 285)	
Impedance [Ohm]:	0,02	
	at charged cells, 20 °C, AC: 1 kHz, (IEC 285)	
Typical Capacities [mAh]:		
at 1 CA / 1.0 V	410	
at 3 CA / 0,90 V	350	
at 5 CA / 0.80 V	300	
Max. Discharge Current (cont.) [mA]:	2250	
Life Expectancy (typical):		
IEC Cycle:	1000 Cycles	
Trickle Charge:	(20°C)	
Trickle Charge:	(45°C)	

* (-dV = 5-10 mV/cell;
dT/dt = 0.7 °C/min)

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