

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)