

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)

