

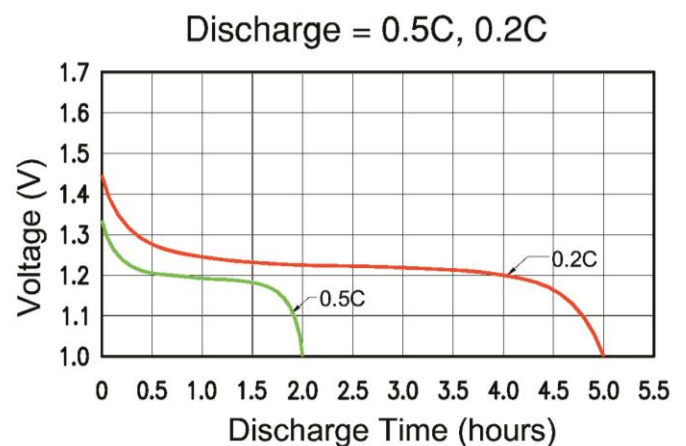
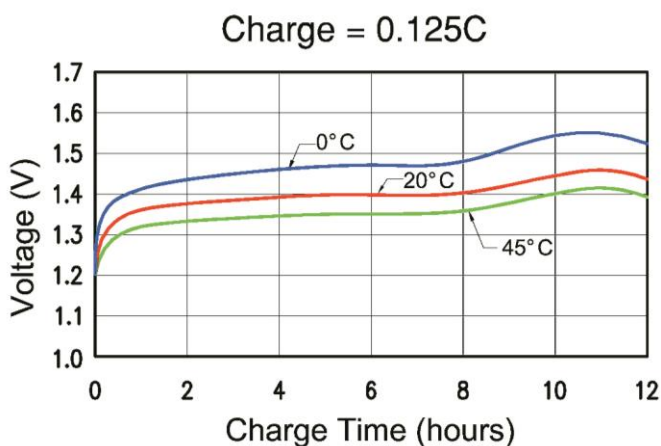
K-LINE Rechargeable NiMH Battery Pack



The **K-Line** rechargeable Nickel Metal Hydride (NiMH) battery pack is made from **K-Line** cylindrical cells which are type tested to IEC 61951-2 Edition 3.0 2011-05 by SGS, endorsed by CNAS. The battery pack is available in 24V and 30V versions for general applications. It is ideal to be used in a switchboard together with a battery charger for circuit breaker tripping or as a back-up power supply for essential load such as digital protection relays. It is maintenance free with a life expectancy of not less than 5 years under normal conditions provided that the charge/discharge cycle of 500 times is not exceeded.

Each battery pack is fitted with a built-in thermostat operating at 70°C to prevent overheating and a built-in negative temperature coefficient (NTC) thermistor, 10KΩ at 25°C and 3.59KΩ at 50°C, for monitoring the temperature to prevent overcharging the battery. The battery pack is also fitted with a 20A fast acting mini fuse to disconnect the battery in case of overcurrent occurred.

Charge and Discharge Characteristics

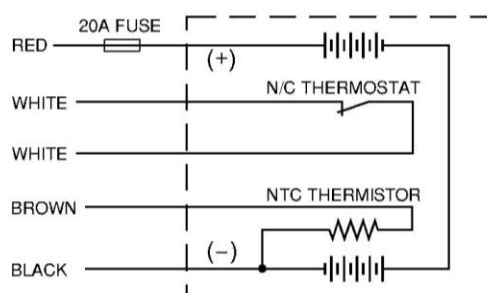


Technical Data

Nominal capacity		2200mAh	4500mAh		7000mAh	10000mAh
Model No.	24V	20SC2200MH	20C4500MH	20D4500MH	20D7000MH	20D10000MH
	30V	25SC2200MH	25C4500MH	25D4500MH	25D7000MH	25D10000MH
Weight (kg)	24V	0.95	1.67	1.85	2.60	3.39
	30V	1.20	2.08	2.30	3.25	4.23
Dimensions W x D x H (mm)	24V	111 x 45 x 85	127 x 52 x 102	162 x 65 x 122		
	30V	156 x 45 x 85	179 x 52 x 102	227 x 65 x 122		
Cell unit	Model	43SC2200H	49C4500H	60D4500H	60D7000H	60D10000H
	Size	Sub-C	C	D		
	Dia.	22.2mm	25.4mm	32.4mm		
	Height	42.5mm	48.6mm	60.0mm		
No. of cells		20 (24V), 25 (30V)				
Service life		500 cycles minimum				

Wiring Connections

If the battery charger does not have the feature of temperature control and overheating protection, the thermistor and thermostat need not to be used and connected.



The information (subject to change without prior notice) contained in this leaflet is for reference only and should not be used as a basis for product guarantee or warranty.

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