

Battery Package BP03A-H16/2.5L, BS03A-H16/2.5L

Compact Ni-MH Battery Dedicated to eNSP3-200 Series

Lead Ni-Cd **Ni-MH** Other

RoHS Directive



BP03A-H16/2.5L



BS03A-H16/2.5L

Battery backup discharge characteristics

Be aware that it is a reference value at initial use of the battery package, it is not a guaranteed value.



Model	Description	Stock
BP03A-H16/2.5L		Standard stock
BS03A-H16/2.5L	With frame for 3.5-inch bay fixed type	Standard stock

Model Name Coding

B * 03 A - H 16 / 2.5 L

① ② ③ ④ ⑤ ⑥ ⑦

- Series name
- P: Battery package
- Modification code
- Ni-MH battery
- Nominal voltage
- Capacity
- Long life expectancy battery

Compatible Power Supply

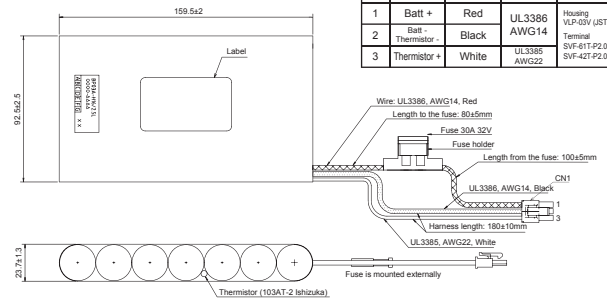
eNSP3-200-S10-H1	p.71
NSP6F-220P series	p.79

Features

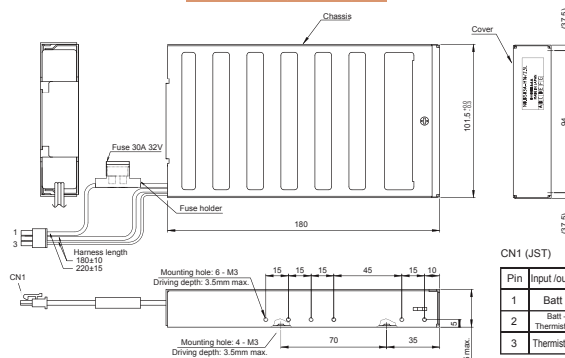
- Small-scale size that can be installed in 3.5-inch bay

Outline Drawing

BP03A-H16/2.5L



BS03A-H16/2.5L 3.5-inch bay fixed type

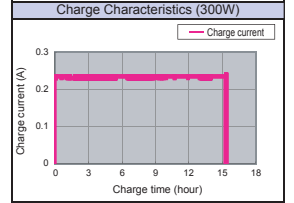
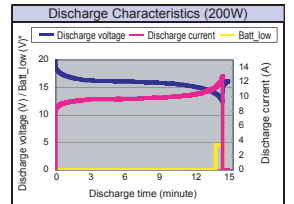


Note 1: Dimensional tolerance shall be ±0.5mm unless otherwise specified.

Battery Charge/Discharge Characteristics (used with eNSP3-200-S20-H1V)

Be aware that it is a reference value at initial use of the battery package; it is not a guaranteed value.

(Examples of actual measurement)



* Battery low voltage signal for TTL (open collector output signal from the power supply)

General Specification Condition: at normal temperature and humidity unless otherwise specified

Items	Specification	Measurement conditions, etc.
Battery	1.2V × 14 connected in serial	Sealed Ni-MH battery
Battery's Nominal Voltage	16.8 VDC	
Rated Capacity	2.5Ah	
Embedded Fuse Rating	30A 32V	Do not replace fuse
Operating Temp. / Humidity	-10 to 60°C / 65%±20%	No condensation
Storage Temp. / Humidity	1 year or less: less than 20 to 35°C / 65%±20% 6 months or less: less than 35 to 45°C / 65%±20% 1 month or less: less than 45 to 55°C / 65%±20% 1 week or less: 55 to 65°C or less / 65%±20%	No condensation
Weight	0.8 kg typ. (BP03A-H16/2.5L), 1.2kg typ. (BS03A-H16/2.5L)	
Life Expectancy*	Approx. 9 to 10 yrs. (5 times/year discharge)	Environmental temp. 30°C, 100W 3-minute discharge at a time
Warranty	1 year after delivery. If any faults belong to us, the defective unit shall be repaired or replaced at our cost. However, malfunction caused by over-discharge shall not be covered.	Except for errors caused by operation not listed

* Life expectancy is a reference value. It is not a guaranteed value.