

Battery Package BS11A-P24/2.3L(K)

24V Lead Battery Package

Lead	Ni-Cd	Ni-MH	Other
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RoHS Directive



- Lead battery package
- If a larger capacity and longer backup time are needed, BS12A-P24/5.0L (lead) and BS10A-H24/2.0L (Ni-MH) are recommended.

BS11A-P24/2.3L(K)

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
BS11A-P24/2.3L(K)		Standard stock

Model Name Coding

BS11 A - P 24 / 2.3 L (K)

① ② ③ ④ ⑤ ⑥ ⑦

1. Series name
2. Modification code
3. Lead battery
4. Output voltage (24 VDC)
5. Capacity
6. Long life expectancy battery
7. Management code

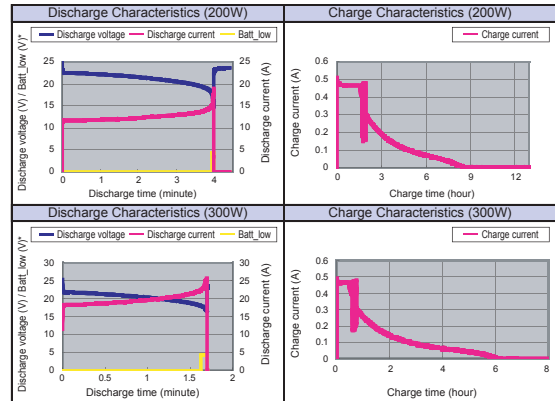
Compatible Power Supply

HNSP9-520P series	p.15
eNSP3-450P series	p.23
mNSP3-450P series	p.31
aNSP3-250P-S21	p.55

Battery Charge/Discharge Characteristics (used with eNSP3-450-S20-H1V)

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

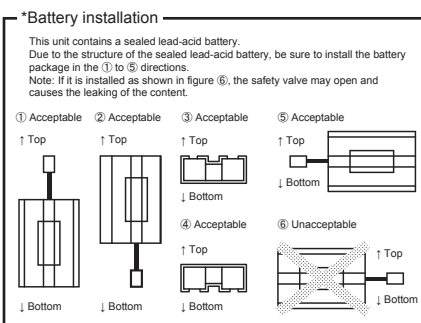
(Examples of actual measurement)



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

Outline Drawing

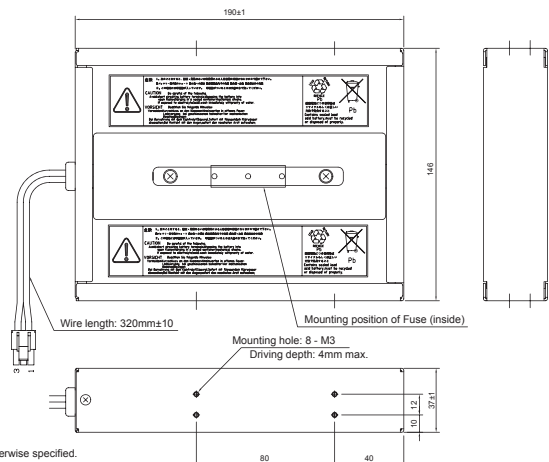
5-inch bay fixed type



CN1 (JST)
Plug: VLP-03V
Contact: SVF-61T-P2.0
Wire: UL1015, AWG#14

Pin	Output	Wire color
1	+	Red
2	NC	
3	-	Black

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



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

Items	Specification	Measurement conditions, etc.
Battery	12V × 2 connected in serial	Sealed lead-acid battery
Battery's Nominal Voltage	24V	
Rated Capacity	2.3Ah	20 hours ratio
Embedded Fuse Rating	30A 32V	Do not replace fuse
Operating Temp. / Humidity	0 to 40°C / 20 to 90% RH	No condensation
Storage Temp. / Humidity	-20 to 50°C / 10 to 95% RH	No condensation
Weight	2.6 kg typ.	
Life Expectancy*	Approx. 4 to 6 yrs. (5 times/year discharge), approx. 2 yrs. (1 time/day 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.	Except for errors caused by operation not listed

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