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Lithium battery JCP35PA–B-2

TECHNOLOGY
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Data sheet

Lithium battery JCP35PA-B-2

- The rechargeable lithium battery JCP35PA-B-2 is a power lithium battery designed and developed for customers' medical beds. It has overcharge protection, over discharge protection, over current protection, functions and other performance.
- With multiple indicator lights, it can monitor the battery box power in real time and the display is more accurate, with a low-voltage alarm with a buzzer.

Features

- Type of battery: lithium battery
- Supporting control box: Adapt to JCB35Q, JCB35R, JCB35T series control box
- Rated output voltage: 21.6
- Maximum output voltage: 29-36V
- Maximum discharge current: 10 A
- Charging current: 400mA-600mA
- Battery capacity: 2.2 Ah / 47.52 Wh
- Weight: 0.5 kg
- Color: Gray
- IP grade: Max IP66
- Packaging: Each battery is individually packaged and marked with a lithium warning label (transportation requirements)
- Charge: Charge by AC power on the control box
- Charging time: about 5 hours

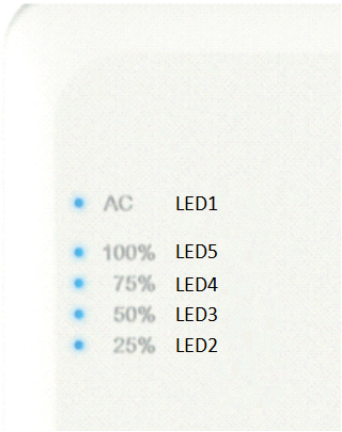
Usage

- Operating temperature: +5℃ to +40℃
- Storage temperature: -10℃ to +50℃ (It is recommended to be between +10℃~+25℃) No direct sunlight
- Charging during storage: The first time must be no later than 12 months after the production date indicated on the label. Thereafter, the battery must be charged at least once every 12 months
- Relative humidity: 20% to 80%,non-condensing
- Atmospheric pressure: 860 to 1060 hPa
- Altitude: Max. 2000m
- Certificate:IEC60601-1, IEC62133, UN38.3 (Used to transport lithium batteries)

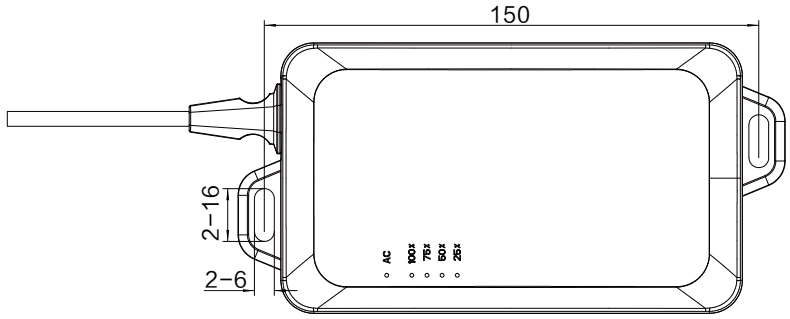
Indicator light and buzzer function

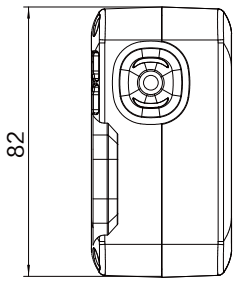
Status Display	0-25% (≤19V)	25%-50% (19V-21.5V)	50%-75% (21.5V-23.5V)	75%-100% (>23.5V)	(finished charging)	18.5V
Charging	LED1 on LED2 flashing LED3/ LED4/ LED5/	LED1 on LED2 on LED3 flashing LED4/ LED5/	LED1 on LED2 on LED3 on LED4 flashing LED5/	LED1 on LED2 on LED3 on LED4 on LED5 flashing	LED1 on LED2 on LED3 on LED4 on LED5 on	/
Discharge state	LED1/ LED2 on LED3/ LED4/ LED5/	LED1/ LED2 on LED3 on LED4/ LED5/	LED1/ LED2 on LED3 on LED4 on LED5/	LED1/ LED2 on LED3 on LED4 on LED5 on	/	/
Buzzer	/	/	/	/	/	Start up

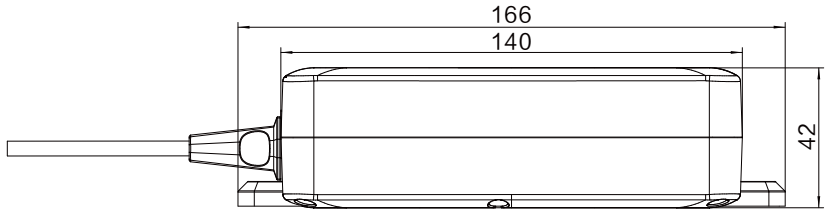
*Note: The buzzer alarms, only when the voltage is lower than 18.5V and the hand controller is operating, if the system is not operating, the buzzer does not alarm.



Dimension drawing





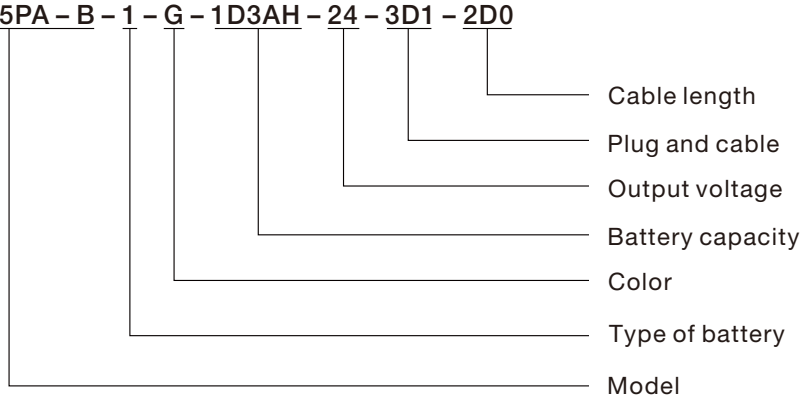


Ordering Key

Model	JCP35PA–B	JCP35PA-B lithium battery
Type of battery	X	0= without battery 1= acid battery 2= With 6 strings of lithium batteries
Color	X	B= black G=gray
Battery capacity	X	2.2AH
Output voltage	XX	21.6=21.6V
Plug and cable	XX	3D1=3-pin Din plug 6D1=6-pin Din plug S=Φ2.5 Earphone plug 4G3=4 pin Mini-Fit elbow plug
Cable length	XXX	1D0=1.0m

Naming regulation

JCP35PA – B – 1 – G – 1D3AH – 24 – 3D1 – 2D0



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