

## Tech specs

**B**ASELINE

# Internal battery RB (6.4V/36Ah)

Pack of 36 rechargeable LiFePO<sub>4</sub> batteries to install into Hub BP Jeweller



Device compatibility

Check

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Battery type

## Batteries

36 × IFR18650

Rechargeable lithium iron phosphate (LiFePO<sub>4</sub>) battery cells.

## Battery configuration

2S18P

## Nominal voltage

6.4 V<sub>nom</sub>

## Capacity

36 Ah

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## Power supply

### Maximum load current

3,000 mA

### End-of-life battery voltage

4.5 V<sub>min</sub>

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## Charging parameters

## **Charging mode**

CC/CV (constant current / constant voltage).

## **Charging voltage**

7.2 V

## **Charging current**

4 A

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## **Charge and discharge conditions**

### **Charge temperature range**

from 0 °C to +45 °C

### **Charge relative humidity**

60 ±25%

### **Discharge temperature range**

from -25 °C to +65 °C

### **Discharge relative humidity**

60 ±25%

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## **Storage conditions**

### **Storage temperature range**

from -20 °C to +45 °C

### **Storage humidity**

60 ±25%

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## **Transportation and shipment**

### **Shipment voltage**

6.0–6.4 V<sub>nom</sub>

### **Transportation requirements**

For air transportation, lithium batteries must be charged to no more than 30% of their rated capacity. The shipment voltage complies with this requirement.

For other types of transportation, the battery must be transported in accordance with applicable regulations and carrier requirements.

## **Cautions**

Do not expose the battery to open flames, sparks, or any other ignition source.

Do not short the power terminals.

Do not disassemble or deform the battery.

Avoid excessive mechanical impact or vibration.

Use the battery with compatible devices only.

Hub BP Jeweller does not charge this battery.

The battery must be installed fully charged.

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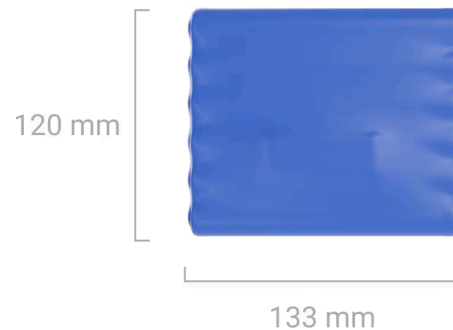
## Enclosure

### Dimensions

133 × 120 × 51 mm

### Weight

1.52 kg



### Battery connector type

Molex 2139-2 or similar

### Operating temperature range

from -25 °C to +65 °C

### Operating relative humidity

from 35% to 85%



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## Complete set

Internal battery RB (6.4V/36Ah)

Cable adapter for charging the battery

## Additional information

**Compliance with standards**

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24 months

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Manuals and articles

Compliance with standards

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