

# Onboard Battery BAT-48V

- Applied to 48VDC power supply requirement, the interface can be customized;
- Max. Output Current 10A;
- Anti-Shock design;
- Built-in UPS automatic bypass function;
- Built-in battery charge management;
- Over current and over temperature protection.

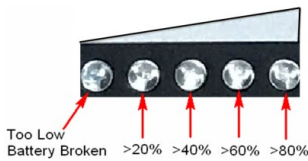


Onboard battery BAT-48V, selects power lithium battery cell design, is about 54V when fully charged, and a discharge cut-off voltage of 24V. Built-in UPS automatic bypass circuit, when the external power supply is greater than 36V (default value, the threshold can be customized), it will automatically switch to the external power supply; The battery charging current<2A, and the maximum input voltage of the external power supply is 54V. The connector can be defined by customer, and JBUS DAS bus is as default.

### Specification (25℃)

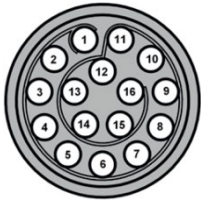
Name	Unit	Value
Capacity	Wh	163.8
Rated Voltage	V	48
Charge Full voltage	V	54
Discharge Cut-off	V	36
UPS Switch	V	24 (default)
Charge Min Voltage	V	30 (default)
Max. External Voltage	V	54
Max. Output Current	A	10
Max. Charge Current	A	1.2
Power Display	LED	5-STEP
Anti-Shock (XYZ)	> 100g @6ms half sine	
Material	/	Al. Alloy
Weight	kg	2.7
Dimension	mm	230×64×98

### Battery Capacity Remaining Indicator:



### Connector Define (JBUS as default)

Battery Input & Output FGG.EGG.2B.316



Pin 1, 11, 12	Power+
Pin 2, 3, 13	Power-
Pin 4, 5, 6, 14	Ethernet Bus
Pin 7, 8	T0 Diff. Trigger
Pin 15, 16	SR Diff. Trigger
Pin 9	Trigger GND
Pin 10	Trigger Termination

### Dimension:

