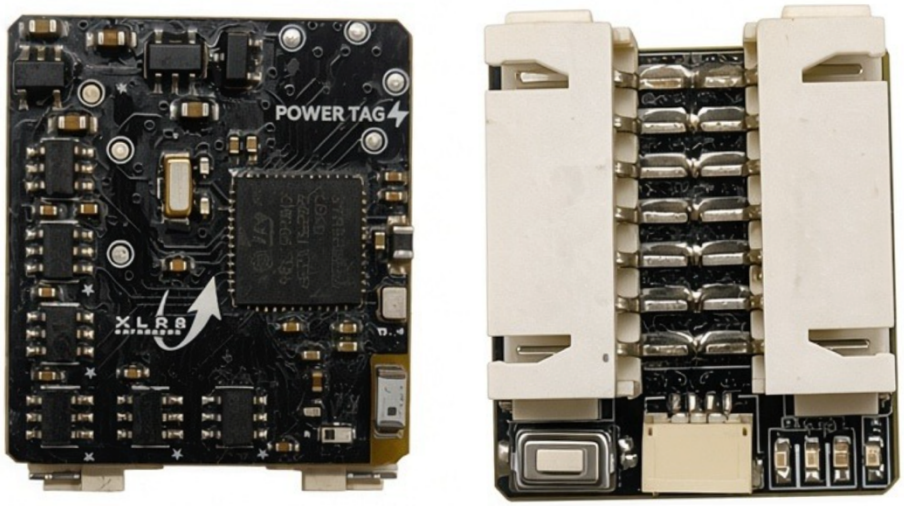


POWER TAG

Product datasheet

Overview:

Power Tag is a battery monitoring device which plugs into the balance connector of any Li-po/ Li-ion battery with a balance connector providing various measurements.

Features:

- 16-bit UID
- Works with 6S batteries
- SMBus support to stream cell voltages to the Flight controller
- Works with Ardupilot
- Tracks charging cycles
- Comes with wireless capability to easily interface with batteries with Power Tag attachment
- <15 µA idle current consumption
- Voltage measurement Accuracy of < 3mV
- LEDs to indicate charge state
- JST XH connector for pass-through during charging
- Supported Android app interface (Power Connect)

Ports:

- 1x JST SRSS 4 pin: I2C
- 1x JST-XH 7 pin: balance connector
- 1x JST-XH 7 pin: charger

Technical Specifications

Parameter	Value
Max cell voltage input	5V
Vcc (max)	6V
Vcc (ideal)	3.3V-5V
Weight	4 g
Operating Temperature	-40°C to +85°C
Idle current consumption	<15 µA
Voltage measurement accuracy	+/- 2.5 mV

Dimensions:

Length	27.63 mm
Width	23.6 mm
Height	9.13 mm

Mechanical Drawing

