

# GTBP14-40AA

## Battery Pack 1S4P



### General Description

- Rugged: Durable design for industrial and harsh environments.
- Reliable: Delivers steady power and supports continuous operation.
- Refined: Compact, high-efficiency charging/discharging with multiple safety features.

### Charge/Discharge

- Supports 4 independent 18650 Li-ion cells, with an integrated protection circuit
- Capacity LED status indicator
- Using a single connector for both Charging and Discharging

### Safety

- Input Overvoltage Protection
- Output Overcurrent Protection
- Output Short Circuit Protection
- Reverse Input Polarity Protection

### Durability

- Withstands vibration, humidity and salt mist test
- IP66 (Dust and Water Resistance)
- Button Durability: More than 1,000 cycles

#### ELECTRICAL

Input Voltage	18 ~ 30 VDC
Output Voltage	5 VDC (± 0.5 VDC)
Cell Constant-Current Charging	1.2A - 1.5 A
Minimum Output Current	2A
Charging Time	≤ 6 Hours
Number Supported Cell	4 Cells
Battery Capacity	≥ 13500mAh
Battery Type	Li-ion 18650 with protection circuit
Charge/Discharge Capability	Individual per cell
Cell-to-Cell Discharge Protection	Yes

#### MECHANICAL / ENVIRONMENTAL

Dimensions (L*W*H)	74 * 34.5 * 101.5 (mm) ± 2mm
Weight	≤ 500g
Color	Pantone 7554C
Connector	EEG.0T.309.KLN with attached protective cap
Charging Operating Temperature	0°C ~ 45°C
Discharging Operating Temperature	-10°C ~ 55°C
Dust and Water Resistance	IP66
Salt Mist Resistance	Yes
Vibration Resistance	Frequency 15 Hz ÷ 50 Hz, amplitude 1.19 mm/30 min
Humidity Resistance	95%