

Use of the battery balancer confers a number of operational advantages:

- Batteries do not need to be removed periodically to check for balance.
- Battery status is available instantly, either directly from the front-panel LEDs, or remotely from the telemetry data sent on the CAN bus.
- Batteries are maintained in a state of balance, improving flight-readiness.

SPECIFICATIONS IN BRIEF

Electrical

Battery chemistries	LiPo, LiS, LiFe
Battery voltage	65 VDC maximum
Battery cell count	9-15S
Battery temperature sensor	3x 10k NTC (external)
Balancing current	3x 0.45 Apms (max.)
Voltage Measurement accuracy	+/- 10mV (typ.)
Power dissipation	6 Watts (max.)
Visual indicators	Balance (red/green), charge (red/green)

Miscellaneous

Environmental protection class	IP50
Operating temperature range	-40°C to +
Altitude rating	10,000m
Cooling	Passive conduction & convection
Enclosure	77 x 75 x 12.7mm
Connectors	Option of Harwin M80 or Hirose DF11 series
Communications protocols	CAN (1Mb/S)



SPECIFICATIONS