

ULIN402CH1

Technical Datasheet - Tentative

Technical Specifications

Part No.	ULIN402CH1
Product	Battery and built in charger

Electrical Parameters

Input Voltage VDC	10~24 VDC
Output Voltage	5 VDC and 3.3 VDC
Output current	1 Amps
Built in Charger	Yes
Built in Battery	Yes
Regulated Output	Yes
Output Ports	Two VDC
Power Indicator	Yes

Battery Parameters

Battery Voltage	14.8 volts
Battery Capacity	5.8 Ah
No. Of Batteries	1 nos
Life expectancy @ 25°C 0.2C Charge/0.2C Discharge	>300 cycles with min 80% of initial capacity
Energy	85.84 Wh

Safety Parameters Battery PCM

Over-charge detection voltage	4350mV/cell ± 0.025 Volts
Over-discharge detection voltage	2350mV/cell ± 0.10 Volts
Operating temperature	0°C to 45°C (charge) -20°C to 60°C (discharge)
Storage temperature	-20°C to 60°C max -20°C to 20°C recommended

Physical Parameters

Length	177mm
Width	75mm
Height	40mm
Output Wire Length	Teflon Wire
Input Wire length	Teflon Wire
Enclosure	Plastic Enclosure



Features of Battery

- High energy density.
- Built-in Protection Module
- Comprehensive charging/ discharging and passive safety systems.

Application

- Battery up system Communication System