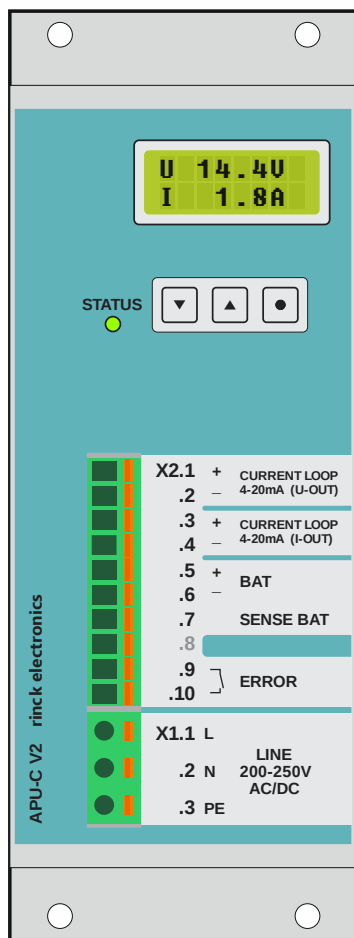




Status

Status display
2x8 characters

LED status
green: charged
green flashing: charging
yellow flashing: warning
red flashing: error

Connection

Push-in spring-connection

X2.1: + current loop
X2.2: - 4-20mA (U-out)
X2.3: + current loop
X2.4: - 4-20mA (I-out)
X2.5: + BAT
X2.6: - BAT
X2.7: sense BAT
X2.8: -/
X2.9: status contact
X2.10: status contact

X1.1: L (SUPPLY AC/DC)
X1.2: N (SUPPLY AC/DC)
X1.3: PE

Technical specifications

Input voltage range: 200 – 250V AC/DC
Power input: max. 100W
Inrush Current: <60A (230VAC)
Output:
BAT: 12V DC (charging characteristic), max. 5A
current loop 4-20mA passive (voltage range 15-40VDC)
U-out 4-20mA $\triangleq$ 0-15V
I-out 4-20mA $\triangleq$ 0-10A
Status contact: max. 60V 1A AC/DC
Isolation voltage input-output: 3kV eff.
Operating temperature: -20 - +50°C
Storage temperature: -40 - +60°C
IP Rating: IP20
Nominal cross section: X1 / X2: max. 2,5mm²
Size (H x W x D): 190 x 70 x 130mm
Mounting hole distance: 178 x 50mm (d = 5mm)
Weight: 1,0 kg

Universal battery-charger for a starter- or consumer-battery with the following features:

- Galvanic isolation between input - output
- Line-length compensation for the battery
- Battery deep discharge detection
- Fault signal contact
- Battery disconnect if no input voltage
- Current loop (4-20mA) for:
Output voltage (0-15V)
Output current (0-10A)

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Universal-Battery-Charger APU-C V2.1

Input: 200 – 250V AC/DC
Output: 12V (charging characteristic), max. 5A

A 510.1

APU-C V2.1

30.04.24