

## FEATURES

- Boost & float charging modes
- Reverse polarity protection
- Connection is via locking plug and socket connectors
- Led for status indication
- Case conforms to DIN 43 880 of the British Standard
- Fits onto 35mm symmetric DIN rail to BS5584 (EN 50022, DIN 46277-3)
- Humidity class, DIN 40040
- Environmental protection, DIN 40 050

## DESCRIPTION

**Charger-48i** operates in Boost and Float modes according to the battery status.

## OPERATION

When the battery and the DC power supply are connected, the Charging led is turned on and the charging procedure starts. The charger switches to Float mode when the battery voltage exceeds 13.6V.

## LED

- Red**, the battery is connected in reverse polarity.
- Yellow**, the battery is charging.
- Green**, the charger is in Float mode.

## ABSOLUTE MAXIMUM RATINGS

Input voltage	60 Vdc
Battery voltage	15 Vdc
Charger current	5A
Operating temperature	-30 to 70°C

## SPECIFICATION

Input voltage range	35-55 Vdc
Battery voltage	13.6 Vdc
Max charging current	5A

