

Metal enclosures PSU

XPR-3A-13.8V / XPR-5A-13.8V / XPR-3A-27.6V

Switch mode power supply units in metal enclosure with battery space available in 3 different models:

- 13.8VDC - 3.5A **Ref. Nestor: TRA113N**
- 13.8VDC - 5.5A
- 27.6VDC - 3.5A

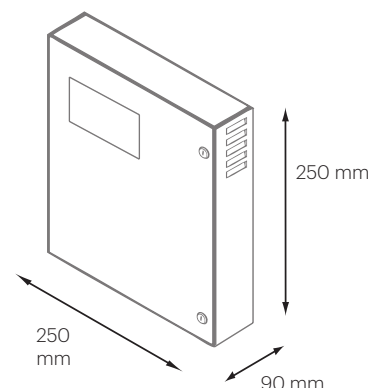


SPECIFICATIONS

XPR-3A-13.8V

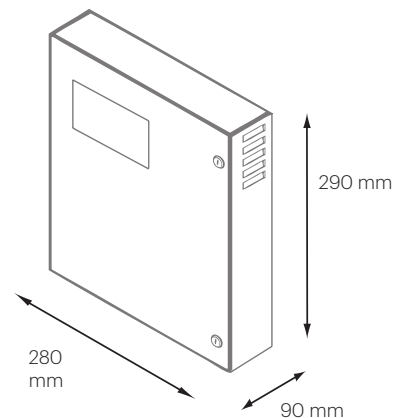
Ref.Nestor: TRA113N

- **Input voltage:** 200-240V AC; 50Hz/60Hz
- **Output Voltage:** 13.8 VDC
- **Output Current:** Max. 3.5 A
- **t_{AMB} < 30°C:** 3 A + 0,5 A battery charge
- **t_{AMB} = 40°C:** 2.1 A + 0,5 A battery charge
- **Voltage adj. range:** 12÷14 V DC
- **Ripple:** 120 mV p-p max.
- **Battery charge:** 0,5 A max @ 7 Ah (± 5%)



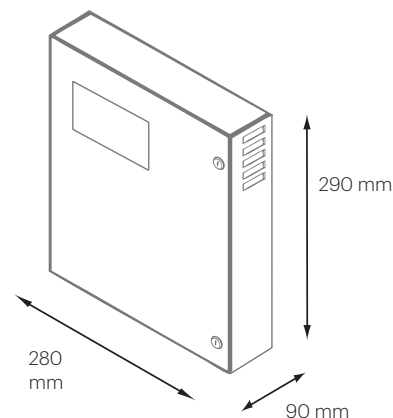
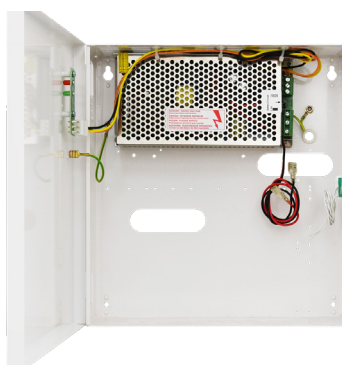
XPR-5A-13.8V

- **Input voltage:** 200-240V AC; 50Hz/60Hz
- **Output Voltage:** 13.8 VDC
- **Output Current:** Max. 5.5 A
- **t_{AMB} < 30°C:** 5 A + 0,5 A battery charge
- **t_{AMB} = 40°C:** 3.3 A + 0,5 A battery charge
- **Voltage adj. range:** 12÷14 V DC
- **Ripple:** 120 mV p-p max.
- **Battery charge:** 0,5 A max @ 17 Ah (± 5%)



XPR-3A-27.6V

- **Input voltage:** 200-240V AC; 50Hz/60Hz
- **Output Voltage:** 27.6 VDC
- **Output Current:** Max. 3.5 A
- **t_{AMB} < 30°C:** 3 A + 0,5 A battery charge
- **t_{AMB} = 40°C:** 2 A + 0,5 A battery charge
- **Voltage adj. range:** 24÷28 V DC
- **Ripple:** 150 mV p-p max.
- **Battery charge:** 0,5 A/1 A max. @ 2x7 Ah (± 5%)



PROTECTIONS

- SCP short-circuit protection
- OVP overvoltage protection
- Surge protection (input AC)
- Overload protection (OLP)
- Excessive discharging (UVP) protection
- Battery output full protection against short-circuit
- Protection against reverse polarity connection

ADDITIONAL INFORMATION

There are additional gaps in the back of the box for an easy fixing of the different battery models¹.

The back views of the metal enclosures are below.

XPR-5A-13.8V & XPR-3A-27.6V

Ref. Nestor: TRA113N



XPR-3A-13.8V



¹ Batteries not included