

# 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:

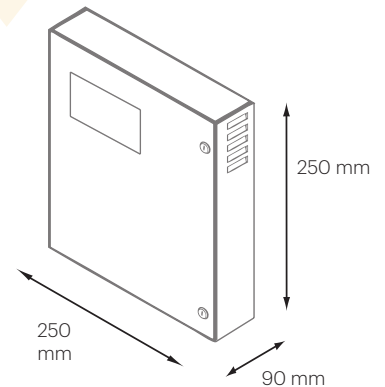
- 13.8 V DC - 3.5 A
- 13.8 V DC - 5.5 A
- 27.6 V DC - 3.5 A



## SPECIFICATIONS

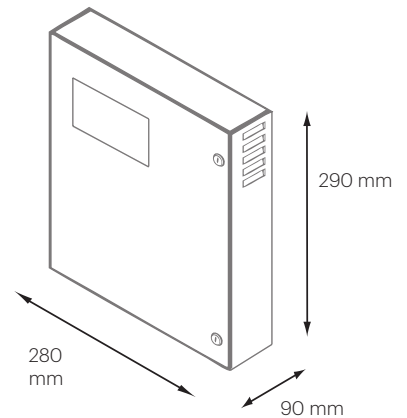
### XPR-3 A-13.8 V

- **Input voltage:** 240 V AC; 50 Hz/60 Hz
- **Output Voltage:** 13.8 V DC
- **Output Current:** 3.5 A max.
- **t<sub>AMB</sub> < 30°C:** 3 A + 0.5 A battery charge
- **t<sub>AMB</sub> = 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%)



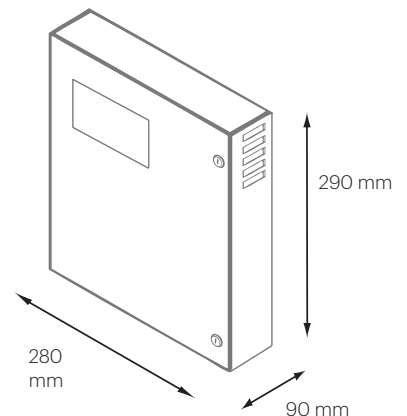
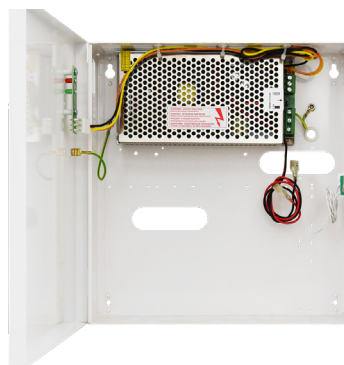
### XPR-5 A-13.8 V

- **Input voltage:** 240V AC; 50 Hz/60 Hz
- **Output Voltage:** 13.8 V DC
- **Output Current:** 5.5 A max.
- **t<sub>AMB</sub> < 30°C:** 5 A + 0.5 A battery charge
- **t<sub>AMB</sub> = 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-3 A-27.6 V

- **Input voltage:** 240V AC; 50Hz/60Hz
- **Output Voltage:** 27.6 V DC
- **Output Current:** 3.5 A max.
- **t<sub>AMB</sub> < 30°C:** 3 A + 0.5 A battery charge
- **t<sub>AMB</sub> = 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%)



\* All product specifications are subject to change without notice.

## 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 models<sup>1</sup>.

Back views of the metal enclosures elow.

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



**XPR-3 A-13.8 V**



<sup>1</sup> Batteries not included