

# APS-412

## BACKUP POWER SUPPLY

The switching mode power supply designed to power 12 V devices. It is equipped with a dedicated connector for use with SATEL devices. Its design enables it to be easily installed in the SATEL offered enclosure or on the DIN rail.

- EN50131-6 Grade 2 compliant
- high efficiency 12 V DC switching mode power supply, requiring no mains transformer
- 4 A total output current
- short circuit and overload protection
- designed for use with sealed lead-acid batteries
- optionally selected battery charging current
- battery deep discharge protection
- 3 OC outputs for trouble indication
- optical indication of mains, battery and overload status
- audible trouble signal
- dedicated connector for use with new SATEL modules
- designed for mounting on DIN 35 mm rail and in **OPU-3 P**, **OPU-4 P** and **OPU-4 PW** enclosures

## TECHNICAL DATA

|  |                  |
|--|------------------|
| Environmental class                                  | II               |
| Enclosure dimensions                                 | 77 x 122 x 59 mm |
| Operating temperature range                          | -10...+55 °C     |
| Supply voltage                                       | 230 V AC         |
| Weight   | 306 g            |
| Battery failure voltage threshold (±10%)             | 11,5 V           |
| Battery cut-off voltage (±10%)                       | 10,5 V           |
| Security grade according to EN 50131                 | Grade 2          |
| Output current                                       | 4 A              |
| Battery charging current (switchable)                | 0,5 A / 1 A      |
| Energy efficiency                                    | up to 88%        |
| Actual output voltage                                | 13,8 V DC        |
| Nominal output voltage (according to IEC 38)         | 12 V DC          |
| Power supply type (according to EN50131)             | A                |
| Output current (operation without battery connected) | 4 A              |
| Output current (operation with battery connected)    | 3,5 / 3 A        |
| Current consumption by power supply circuits         | 57 mA            |
| OC type outputs (WS, WB, WP)                         | 50 mA / 12 V DC  |

