

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

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|------------------------------------------------------|------------------|
| 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 |

