

# 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

