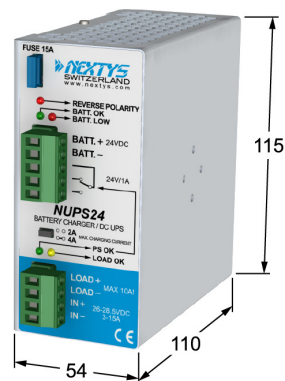


- Accessory for the charging of a 12 or 24Vdc Battery
- Suitable for power supplies with adjustable output
- Allows to feed the load and to charge the battery simultaneously
- Built in battery protection fuse
- Battery deep discharge protection



For reference only

TECHNICAL DATA

| | NUPS12 | NUPS24 |
|------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------|
| OUTPUT DATA | | |
| Load nominal voltage | 10...15Vdc | 20...28Vdc |
| Continuous current Limit (Settable) | 2A or 4A | |
| Load maximal current | 10A Max | |
| Battery Fuse | 15A / 42V – Car blade type, user replaceable | |
| Battery Float voltage | Vin – 0.4V, min. 11Vdc | Vin – 0.4V, min. 26Vdc |
| Deep discharge cut-off voltage | 9.2Vdc ± 0.5V | 18Vdc ± 0.5V |
| Chargeable capacity of the battery vs power supply voltage | 75% @ 13Vdc | 75% @ 26Vdc |
| | 85% @ 13.5Vdc | 85% @ 27Vdc |
| | 100% @ 14Vdc | 100% @ 28Vdc |
| “Batt. OK” LED | ON for U Batt. > 11.6Vdc ± 0.2V | ON for U Batt. > 23.5Vdc ± 0.2V |
| “Batt. LOW” LED | ON for U Batt. < 11.6Vdc ± 0.2V | ON for U Batt. < 23.5Vdc ± 0.2V |
| Protections | Battery reverse connection, battery short-circuit/overload, battery deep discharge | |

Status Signals

- PS OK – green LED
- LOAD OK – yellow LED
- BATT. OK – green LED
- BATT. LOW – red LED
- REVERSE POLARITY – red LED
- Dry contact 1A / 24Vdc

| INPUT DATA | | |
|---------------------------------|--------------|--------------|
| Voltage range from Power Supply | 13...15.5Vdc | 26...28.5Vdc |
| Input rated current | > 3.0A | |

| GENERAL DATA | | |
|---------------------------|--------------------------------------------------------|--|
| Operating temperature | - 20°C...+ 50°C (over temperature protection) | |
| Derating | No Derating | |
| Overvoltage category | II | |
| Pollution degree | 2 (IEC 664-1) | |
| Standards & Approvals | EN60950 (reference), CE marking | |
| EMC Standards | EN61000-6-2, EN61000-6-4 | |
| Protection degree | IP20 acc. to EN60529 | |
| Connection terminals | 2.5mm ² , screw type pluggable (24...12AWG) | |
| Case material | Aluminum | |
| Approx. Weight | 0.300kg | |
| Size (W x H x D) | 54.0 x 115.0 x 110.0mm | |
| Mounting rail | IEC 60715/H15/TH35-7.5(-15) | |
| Rail mounting information | Vertical, allow 20mm spacing between adjacent items | |