

PS1500 (19" 2U, 5220W) - SNMP

BACK UP POWER SUPPLIES

- ☑ Input voltage 1 (3)x 230V~50Hz
- ☑ Output voltage 24V (48V) adjustable / up to 5220W output power
- ☑ IUoU temperature controlled charging curve
- ☑ LED, LCD display unit, 2x potential-free relay contacts – converter err, battery capacity < 50%
- ☑ SNMP with WEB page, events history, traps, time server, e-mail server
- ☑ Mounting type: 19" 2U
- ☑ Standards: EN 60950, EN 55032



The PS1500 2U is designed for reverse supply of 24V (48V) devices with output power up to 5220W. The input voltage range is 1 (3)x 230V~50Hz. PS1500 2U allows parallel operation up to 2(3) units with respect to LVD output current. In case of mains failure, the connected battery provides the backup supply of connected load. After the mains powers up, the backup power supply ensures battery charging to its full capacity. The IUoU voltage charging curve is temperature controlled.

The user is about the state of power supply informed locally (LEDs, LCD display) or remotely thru potential-free relay contacts (converter err, battery capacity < 1/2) and SNMP adapter. The own website obtains all information about power supply condition. The PS1500 can monitor 2 binary input signals - output and battery breaker contacts.

Model specification:

- PS1500.T(S) XXY - T = 3x 230V ~ mains input, S = SNMP with WEB page, XX = nominal output voltage, YY = nominal output current
- For units paralleling is necessary to use a communication cable type PS1500.USB – IMCO POWER part number: IP.4000.033.01

The power supply is designed for 19" frames. Mains connection is on the rear. Battery, outputs, binary inputs, signalization and SNMP are ready to be connected on the front panel.

| MODEL SPECIFICATION | PS1500.J 2425 PSMS | PS1500.JS 2425 PSMS + SNMP | PS1500.J 2450 PSMS | PS1500.JS 2450 PSMS + SNMP | PS1500.J 4830 PSMS | PS1500.JS 4830 PSMS + SNMP | PS1500.T 4845 PSMS | PS1500.TS 4845 PSMS + SNMP | PS1500.TS 4890 PSMS + SNMP |
|------------------------------------|--|--|--|--|--|--|--|--|--|
| Input voltage | 1x 230V~50Hz | 1x 230V~50Hz | 1x 230V~50Hz | 1x 230V~50Hz | 1x 230V~50Hz | 1x 230V~50Hz | 3x 230V~50Hz | 3x 230V~50Hz | 3x 230V~50Hz |
| Output voltage | 27.6V(25A) | 27.6V(25A) | 27.6V(50A) | 27.6V(50A) | 55.2V(30A) | 55.2V(30A) | 55.2V(45A) | 55.2V(45A) | 55.2V(90A) |
| Output power | 720W | 720W | 1440W | 1440W | 1740W | 1740W | 2610W | 2610W | 5220W |
| Efficiency | 92% | 92% | 92% | 92% | 94% | 94% | 94% | 94% | 94% |
| Insulation strength input / output | 4kV | 4kV | 4kV | 4kV | 4kV | 4kV | 4kV | 4kV | 4kV |
| Operating temperature | -25°C - +50°C | -25°C - +50°C | -25°C - +50°C | -25°C - +50°C | -25°C - +50°C | -25°C - +50°C | -25°C - +50°C | -25°C - +50°C | -25°C - +50°C |
| Local signalization | LED. LCD | LED. LCD | LED. LCD | LED. LCD | LED. LCD | LED. LCD | LED. LCD | LED. LCD | LED. LCD |
| Remote signalization | Relay contacts Converter err, Vbat<23V | Relay contacts, SNMP Converter err, Vbat<23V | Relay contacts Converter err, Vbat<23V | Relay contacts, SNMP Converter err, Vbat<23V | Relay contacts Converter err, Vbat<46V | Relay contacts, SNMP Converter err, Vbat<46V | Relay contacts Converter err, Vbat<46V | Relay contacts, SNMP Converter err, Vbat<46V | Relay contacts, SNMP Converter err, Vbat<46V |
| Parallel operation | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Overcurrent protection | 33A | 33A | 52A | 52A | 33A | 33A | 50A | 50A | 100A |
| Charge voltage / current | 27.6V/10A | 27.6V/10A | 27.6V/10A | 27.6V/10A | 55.2V/10A | 55.2V/10A | 58.4V/55.2V /15A | 58.4V/55.2V /15A | 58.4V/55.2V /30A |
| Temperature compensation | -33mV / °C / battery | -33mV / °C / battery | -33mV / °C / battery | -33mV / °C / battery | -33mV / °C / battery | -33mV / °C / battery | -66mV / °C / battery | -66mV / °C / battery | -66mV / °C / battery |
| LVD (low volt.disconnect) / Imax. | 21V/60A | 21V/60A | 21V/60A | 21V/60A | 42V/60A | 42V/60A | 42V/90A | 42V/90A | 42V/150A |
| Mounting type | 19"/2U | 19"/2U | 19"/2U | 19"/2U | 19"/2U | 19"/2U | 19" / 2U | 19" / 2U | 19" / 2U |
| Dimensions W x H x D (mm) | 436x88x328 | 436x88x328 | 436x88x328 | 436x88x328 | 436x88x328 | 436x88x328 | 436x88x446 | 436x88x446 | 436x88x506 |
| Weight (kg) | 2.8 kg | 2.9 kg | 5.5 kg | 5.6 kg | 4.5 kg | 4.6 kg | 6.2 kg | 6.3 kg | 12,3 kg |
| Degree of protection | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 |
| Part No. | IP.4141.765.07 | IP.4141.765.08 | IP.4141.765.09 | IP.4141.765.10 | IP.4141.765.03 | IP.4141.765.04 | IP.4341.735.13 | IP.4341.735.14 | IP.4341.735.50 |