UNINTERRUPTABLE POWER SUPPLY

UPS1

cod. 1100-151010

UPS2

cod. 1100-152010

UPS3

cod. 1100-153010









On-line double conversion technology with microprocessor digital control to guarantee maximum performance and high reliability. Provided with backlit display for easy reading, low-noise cooling fan, output contacts for fault warning, RS232 portal for PC connection and for operation parameters management.

Produced in a container suitable to rack installation with the specific clamps.

UPS1 is made up of: n.1 central unit 1000VA + n.1 battery unit; size: 4 rack units.

UPS2 is made up of: n.1 central unit 2000VA + n.2 battery units; size: 6 rack units.

UPS3 is made up of: n.1 central unit 3000VA + n.3 battery units; size: 8 rack units.

TECHNICAL SPECIFICATIONS

For an adequate rack support, all UPSs need the article KSA.

TECHNICAL SPECIFICATIONS

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|--------------------------|----------------------------------|---|--|--|--|--|--|
| INPUT | Input voltage | 230Vac | | | | | |
| | Range voltage | 170-295Vac | | | | | |
| | Input tolerance: 160÷300Vac | 160÷300Vac monophase+/earth | | | | | |
| | Input frequency | 40-55Hz a 50Hz / 55-65Hz a 60 Hz | | | | | |
| | | (autosensing) | | | | | |
| | Input power factor | > 0,98 | | | | | |
| | Input protection | switch | | | | | |
| BY PASS OUT. | Power | 1000VA /900W | | | | | |
| | Output voltage | 208/220/230/240V (rated) +/-2% | | | | | |
| | BY PASS | automatic. No interruption (100%) during the | | | | | |
| | AC to AC efficiency | passage from UPS and BYPASS and vice versa 85% | | | | | |
| | DC to DC efficiency | 83% | | | | | |
| | Crest factor | 3:1 | | | | | |
| | Battery-started | YES | | | | | |
| | Output frequency (battery) | 50/60 +/-0,2 Hz | | | | | |
| | Output frequency from the net | net synchronized | | | | | |
| | THD | < 3% (linear load) | | | | | |
| 亩 | Output sockets number | 1+2 IEC 10A | | | | | |
| | Typical autonomy: 35 minutes | 35 minuts | | | | | |
| Ϋ́ | Battery type | lead w/o maintenance 12Vdc | | | | | |
| | No. of batteries in central unit | no. 3 - 7AH batteries | | | | | |
| BATTERY | No. of batteries in battery pack | no. 3 - 7AH batteries | | | | | |
| A | Recharging time | 6-8 hrs | | | | | |
| ENVIRO. | Operating temperature | 0÷40°C | | | | | |
| | Humidity at 35°C | up to 90% w/o condensation | | | | | |
| | Noise level | <55dBA@1metre | | | | | |
| WEIG. | Central unit | 12Kg | | | | | |
| | Battery box | 23Kg each | | | | | |
| FEA. | Dimensions of central unit | 440 x 520 x 131 / 3U | | | | | |
| | Dimensions of battery box | 440 x 520 x 131 / 3U x 2pcs | | | | | |

TECHNICAL SPECIFICATIONS

| | lanut valtana | 230Vac | | land de la land | 23.0Vac |
|------------|----------------------------------|---|--------------|----------------------------------|---|
| OUT. INPUT | Input voltage | | OUT. INPUT | Input voltage | |
| | Range voltage | 170-295Vac | | Range voltage | 170-295Vac |
| | Input tolerance: 160÷300Vac | 160÷300Vac monophase+/earth | | Input tolerance: 160÷300Vac | 160+300Vac monophase+/earth |
| | Input frequency | 40-55Hz a 50Hz / 55-65Hz a 60 Hz | | Input frequency | 40-55Hz a 50Hz / 55-65Hz a 60 Hz |
| | Input power factor | (autosensing) > 0.98 | | Input power factor | (autosensing) > 0.98 |
| | Input protection | interruttore | | Input protection | interruttore |
| | | | | | |
| | Power | 2000VA /1800W | | Power | 3000VA /2700W |
| | Output voltage | 208/220/230/240V (selezionabile) +/-2% | | Output voltage | 208/220/230/240V (selezionabile) +/-2% |
| | BY PASS | automatic. No interruption (100%) during the | | BY PASS | automatic. No interruption (100%) during the |
| | AC to AC efficiency | passage from UPS and BYPASS and vice versa 85% | | AC to AC efficiency | passage from UPS and BYPASS and vice versa 85% |
| | DC to DC efficiency | 83% | | DC to DC efficiency | 83% |
| | Crest factor | 3:1 | | Crest factor | 3:1 |
| | Battery-started | SI SI | | Battery-started | SI |
| | , | =: | BY PASS | • | |
| | Output frequency (battery) | 50/60 +/-0,2 | | Output frequency (battery) | 50/60 +/-0,2 |
| BY PASS | Output frequency from the net | net synchronized | | Output frequency from the net | net synchronized |
| | THD | < 3% (linear load) | | THD | < 3% (linear load) |
| | Output sockets number | 4+4 IEC 10A | | Output sockets number | 4+4 IEC 10A +1 IEC 16A |
| BATTERY | Typical autonomy: 35 minutes | 30 minuts | BATTERY | Typical autonomy: 35 minutes | 30 minuti |
| | Battery type | lead w/o maintenance 12Vdc | | Battery type | lead w/o maintenance 12Vdc |
| | No. of batteries in central unit | no. 6 - 7AH batteries | | No. of batteries in central unit | no. 6 - 9AH batteries |
| | No. of batteries in battery pack | no. 6 - 7AH batteries | | No. of batteries in battery pack | no. 6 - 9AH batteries |
| | Recharging time | 6-8 hrs | | Recharging time | 6-8 hrs |
| ENVIRO. | Operating temperature | 0÷40°C | ENVIRO. | Operating temperature | 0÷40°C |
| | Humidity at 35℃ | up to 90% w/o condensation | | Humidity at 35°C | up to 90% w/o condensation |
| | Noise level | <55dBA@1metre | | Noise level | <55dBA@1metre |
| WEIG. | Central unit | 12Kg | WEIG. | Central unit | 12Kg |
| | Battery box | 23Kg each | × | Battery box | 23Kg each |
| PEC. | Dimensions of central unit | 440 x 520 x 131 / 3U | MEC. FEA. | Dimensions of central unit | 440 x 520 x 131 / 3U |
| | Dimensions of battery box | 440 x 520 x 131 / 3U x 2pcs | | Dimensions of battery box | 440 x 520 x 131 / 3U x 2pz |
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