

| | 6V | 12V | 24V | 36V |
|---|---|--------------|--------------|--------------|
| Available versions | | x | x | |
| Input voltage | 90 - 264VAC | | | |
| Line frequency | 47 - 63Hz | | | |
| Step 1 Charge current: Orange | 2.7A ±0.1A | 2.2A ±0.1A | 1.2A ±0.1A | 0.8A ±0.05A |
| Step 2 Charge voltage | 7.35V ±0.10V | 14.7V ±0.15V | 29.4V ±0.25V | 44.1V ±0.25V |
| - Charge current >: Orange <: Yellow | 1.20A ±0.1A | 1.00A ±0.1A | 0.50A ±0.1A | 0.40A ±0.05A |
| Step 3 Charge termination (2) <: Green | 250mA | | | |
| Standby voltage | 6.85V ±0.10V | 13.7V ±0.15V | 27.4V ±0.30V | 41.1V ±0.30V |
| Max output power | 20W | 32W | 35W | 35W |
| Ripple | <100mV p-p | | | |
| Efficiency (at 100% load, 230V) approx. | 0.78 | 0.84 | 0.87 | 0.87 |
| Switch frequency approx. | 40kHz | | | |
| Leakage current from battery with mains switched off | <250µA | | | |
| Protection | Protected against reversed polarity and short circuit proof | | | |
| Temperature range | Operating: ÷25 to +40oC / Storage: ÷25 to +85oC | | | |
| Safety | EN 62368-1, EN 60601-1, UL 60601-1, EN 60335-2-29 | | | |
| Insulation class | Class II | | | |
| Insulation voltage: Primary – secondary | 4000VAC / 5656VDC | | | |
| EMC standards | Med. EN 60601-1-2 / Emission EN 61000-6-3 / Immunity EN 61000-6-1 | | | |
| MTBF at Ta = 30oC and full load: Calculated according to MIL – HDBK – 217F | >250 000 hours | | | |
| Mains connection | 2-pins IEC 60320 connector. (Exchangeable mains plugs EU, UK, US, AU available on type 2542). | | | |
| Output terminals | Cord with/without plug. Exchangeable plugs available. | | | |
| IP-Grade | 41 | | | |
| Dimensions | 107 x 67 x 37mm (117 x 75 x 44mm for type 2542) | | | |
| Weight | 250g (280g for type 2542) | | | |

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|---|---|
| | 48V |
| Available versions | x |
| Input voltage | 90 - 264VAC |
| Line frequency | 47 - 63Hz |
| Step 1 Charge current: Orange | 0.6A ±0.05A |
| Step 2 Charge voltage | 58.8V ±0.25V |
| - Charge current >: Orange <: Yellow | 0.25A ±0.05A |
| Step 3 Charge termination (2) <: Green | 100mA |
| Standby voltage | 54.8V ±0.40V |
| Max output power | 35W |
| Ripple | <100mV p-p |
| Efficiency (at 100% load, 230V) approx. | 0.87 |
| Switch frequency approx. | 40kHz |
| Leakage current from battery with mains switched off | <250µA |
| Protection | Protected against reversed polarity and short circuit proof |
| Temperature range | Operating: ÷25 to +40oC / Storage: ÷25 to +85oC |
| Safety | EN 62368-1, EN 60601-1, UL 60601-1, EN 60335-2-29 |
| Insulation class | Class II |
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| Dimensions | 107 x 67 x 37mm (117 x 75 x 44mm for type 2542) |
| Weight | 250g (280g for type 2542) |