

9740 **10 A**



CHARGERS FOR LEAD ACID BATTERIES

- 3-step charge control with timer
- Switch mode
- Charge current not affected by fluctuations in mains voltage
- Medical approved (EN 60601)
- Leads with battery clips
- Protected against reversed polarity and short circuit proof
- LED-indicator with three different colors
- Waterproof (IP67) version available



Batterieladegeräte

LADix System

DC/DC Wandler

Netzgeräte
AC/AC

Netzgeräte
AC/DC

Steckernetzgeräte
AC/AC

Steckernetzgeräte
AC/DC

Wechselrichter
DC/AC

Notstromversorgung
DC-UPS

Technical specifications - 12 V version

| | |
|--|--|
| Input voltage: | 190-264 VAC, 47-63 Hz |
| Switch frequency: | 63 kHz |
| Input surge current limitation: | < 30 A |
| Leakage current with mains disconnected: | < 2,5 mA (12 V battery voltage) |
| Temperature range: | -25°C - +40°C (-40 - +40°C IP67 vers.) |
| Ripple: | < 100 mV p-p |
| Efficiency (at full load): | > 83% |
| Current limit: | Ja / Yes |
| Insulation class: | I |
| Insulation voltage | |
| • Primar - ground: | 1250 VAC |
| • Primar - secondary: | 3750 VAC |
| • Secondary - ground: | 500 VAC |
| Electrical safety standard: | EN 60335-2-29, EN 60601-1 |
| EMC standards | |
| • Medical: | EN 60601-1-2 |
| • Emission: | EN 50081-1 |
| • Immunity: | EN 50082-1, EN 55014 |
| Indication | |
| • Orange (constant current, boost): | 10 A |
| • Yellow (constant voltage, timer): | 14,7 V |
| • Green (constant voltage, float): | 13,7 V |
| IP-code (PCB/components protected with coating): | 21 |
| Timer: | 4h 30min. |
| Dimensions (LxWxH): | 184 x 171 x 54 mm |
| Weight: | 1,7 kg (2,9kg IP67 vers.) |

Some technical specifications may differ for other voltage versions.
The timer is also available with other values.

Voltage versions 9740

| Version (V) | Input (VAC) | Output (VDC) | | Current limit (A) | Rec. batt. capacity * (Ah) |
|-------------|-------------|--------------|-------|-------------------|----------------------------|
| | | Timer | Float | | |
| 12 | 190-264 | 14,7 | 13,7 | 10 | 40-400 |
| 24 | 190-264 | 29,4 | 27,4 | 5 | 20-200 |
| 36 | 190-264 | 44,1 | 40,8 | 3,3 | 15-150 |
| 48 | 190-264 | 58,8 | 54,8 | 2,5 | 10-100 |

*Rec.value may vary – contact batterymanuf. for details.