

Portable Battery Chargers

SPECIFICALLY DESIGNED FOR MAINTENANCE FREE BATTERIES

Maintains the battery fully charged when the means of transport connected to it is out of use for several weeks or months. Total protection: no surveillance is needed.

Rechargeable battery types:

- Maintenance free batteries and Pb/Gel
- Pb wet
- Battery Voltage 12V

Features

- Automatic charge breaker and automatic reset; can be permanently connected without any risk of batteries damaging
- Overload protection with automatic reset
- Inversions of polarity and short circuits protection
- Led indicators: input voltage, battery in charging progress, battery charged, inversion of polarity



| Technical specifications | | 116 |
|------------------------------|-------------------|------------|
| Input voltage | Volt 50-60Hz (AC) | 1 Phase230 |
| Power | W | 80 |
| Charging voltage | Volt | 12 |
| Average charging current | Amp. | 4,0 |
| Effective charging current | Amp. | 6 |
| Charging positions | N° | 1 |
| Nominal capacity to refer to | Ah 15h min/max | 5 / 90 |
| Dimensions | mm. | 225x160x95 |
| Weight | ≈ kg. | 1,6 |

Portable battery chargers

Rechargeable battery types:

- Pb wet
- Battery Voltage 12V (6/12V Mach 214)

Features

- Overload protection with automatic reset (Mach 116, 119)
- Inversions of polarity protection
- Short circuits on the clamps protection



| Technical specifications | | MACH 214 |
|------------------------------|-------------------|------------|
| Input voltage | Volt 50-60Hz (AC) | 1 Phase230 |
| Power | W | 50 |
| Charging voltage | Volt | 6 / 12 |
| Average charging current | Amp. | 2,5 |
| Effective charging current | Amp. | 4 |
| Charging positions | N° | 1 |
| Nominal capacity to refer to | Ah 15h min/max | 15 / 60 |
| Dimensions | mm. | 225x160x95 |
| Weight | ≈ kg. | 1,3 |

Portable battery chargers

Rechargeable battery types

- Pb wet
- Battery Voltage 12 / 24V

Features

- Charging current regulation
- Overload protection
- Short circuits protection
- Inversions of polarity protection



| Technical specifications | | CLASS 20A |
|------------------------------|-------------------|------------|
| Input voltage | Volt 50-60Hz (AC) | 1 Phase230 |
| Power | W | 350 |
| Charging voltage | Volt | 12 / 24 |
| Average charging current | Amp. | 12 |
| Effective charging current | Amp. | 20 |
| Charging positions | N° | 2 |
| Nominal capacity to refer to | Ah 15h min/max | 10 / 250 |
| Dimensions | mm. | |
| Weight | ≈ kg. | 6 |

Portable battery chargers with starter for quick boosting

Rechargeable battery types

- Pb wet
- Battery Voltage 12 / 24V (12V Class booster 150A)

Features

- Charging current regulation
- Overload protection
- Short circuits protection
- Inversions of polarity protection



| Technical specifications | | CLASS BOOSTER 220A |
|------------------------------|-------------------|--------------------|
| Input voltage | Volt 50-60Hz (AC) | 1 Phase230 |
| Power | KW | 0,5 / 3 |
| Charging voltage | Volt | 12 / 24 |
| Average charging current | Amp. | 13 |
| Effective charging current | Amp. | 20 |
| Charging positions | N° | 2 |
| Boosting current | Amp. 0 Volt (cc) | 230 |
| Boosting current | Amp. 1 Volt | 150 |
| Nominal capacity to refer to | Ah 15h min/max | 20 / 300 |
| Dimensions | mm. | 340x300x160 |
| Weight | ≈ kg. | 11 |