

ChargeMaster Plus 24/40-3



Product code: 44320400

Kenmerken

- Multifunctionele acculader met twee uitgangen, één in/uitgang, stroombegrenzer en ingebouwd spanningsafhankelijk relais (VSR).
- Laadt Lithium Ion, Gel en AGM accu's, de 24 V modellen laden ook grote of kleine accusets met één enkele acculader.
- Laadt meerdere accu's terwijl u onderweg bent.
- Ruime specificaties: biedt 20 % meer vermogen bij 14,4 V en 80 % laadvermogen bij 60 °C.
- SafeCharge: herkent de laadstatus van uw accu's en verlengt zo de levensduur.
- Flexibel en veelzijdig: 80-275 V AC en 35-70 Hz.
- Compact, eenvoudig aan te sluiten en snel te installeren.

Specifications

General specifications

Nominal output voltage	24 V
Max. output current primary output	40 A
Smart In-/Output output voltage	12 or 24 V
Smart In-/Output output current	5-10 A at 12 V; 5-20 A at 24 V (adjustable)
Smart In-/Output input current	max. 20 A at 24 V
Total charge current	40 A at 28.8 V
Max. AC current (230 V / 120 V)	6.8 A / 13.5 A
Number of battery outlets	3 (max.)
Battery bank size	160-400 Ah
Nominal input voltage	120/230 V (80-275 V) 50/60 Hz
AC connection	screw terminals, suitable up to up to 6 mm ²
Power supply mode	yes
Galvanic isolation	yes
Display/read-out	LED display
Dimensions, hxxwx	384 x 250 x 127 mm 15.1 x 9.8 x 5.0 inch
Weight	5.9 kg 13.0 lb
Compliance	CE, ABYC, UL1236, SAE J1171, ISO 8846, CEC/DOE, RCM/C-Tick

Technical specifications

Charge characteristic	IUoUo, automatic / 3-step+ for Gel/AGM/Lithium Ion/traction/spiral
Temperature compensation	-30 mV/°C / -17 mV/°F temperature sensor included
DC voltage compensation	through MasterShunt
Power consumption (DC side)	< 2 mA (MasterBus off)
Current Control function	yes, through MasterBus
Power factor control	> 0.98
Temperature range (ambient temp.)	-25 °C to 80 °C, derating < 0 °C and > 40 °C -13 to 176 °F
Cooling	vario fan
Protection degree	IP23, vertical mounting
Protections	over-temperature, overload, short circuit, high/low battery voltage, ignition protection
MasterBus compatible	yes
Charger Status Interface (alarm contact)	yes, using a Multipurpose Contact Output (product code 77030500)