3245 7A

Charger for Lead Acid batteries

mascot
tech spec

New!

- 6-step charge control with microprocessor
- For all types of Lead Acid batteries: GEL, AGM, WET, SLA
- Mode select for battery size, type, recondition and as power supply
- Protected against reversed polarity and short circuit proof
- Memory function for last used charge program
- Temperature compensated charge voltage w. external temp. sensor
- Dust- and waterproof (IP65)
- Practical briefcase for storeage
- LED flashlight included

Technial data 12V

Input voltage: / Line frequency:	198 - 264VAC / 47 - 63Hz
Max output power:	103W
Modes	1. Large batteries 2. Small batteries 3. Gel batteries 4. Recond 5. Power supply
Charge voltage:	14.7V at 20°C
Charge voltage GEL:	14.4V at 20°C
Charge voltage Recond:	Max 15.7V
Float voltage:	13.7V at 20°C
Charge current:	7A (1.5A small batteries and Recond Phase)
As Power supply:	Output voltage: 13.7V max 6.5A
Ripple:	< 100mVp-p
Formation Charge:	Low current start-up of deeply discharged battery.
Float charge:	7.0A pulses at safe float voltage level for maximum topping of battery capacity (1,5A pulses, small batteries).
Temperature compensation of charge voltage:	-3 to -4mV/°C pr. cell
Efficiency (at 100% load, 230V):	> 89 %
Switch frequency approx.:	65kHz
Leakage current from battery with mains switched off:	< 50 uA at 12V
Protection:	Protected against reversed polarity and short circuit proof. Prevents sparking. Charge timer: 4h. Safety timer : 72h Thermal protection. Charging of wrong lower voltage battery pack (e.g. 6V) will be limited to 1.6A (0.25A small battery) and terminated after 30 min. Charging battery > 16.2V terminated immediately.
Temperature range:	Operating: ÷25 to +40°C / Storage: ÷25 to +65°C
Safety:	EN 60335-2-29
Insulation class :	Class II
Insulation voltage:	Primary – secondary: 3750VAC / 5300VDC
EMC standards:	EN 55014-1 and –2
Input terminal:	Non detachable mains cable
Output terminals:	Cord with Insulated battery clips and temp. sensor
IP-Grade:	65
Dimensions:	169 x 95 x 47 mm
Weight:	900g

Charging characteristics

Battery voltage

U(V)

SOFT START | BOOST CHARGE | TOP UP CHARGE | RECOND PHASE | FLOAT CHARGE | PULSE CHARGE

Charge current

I(A)