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BATTERY CHARGER 12V "EASY"

FOR SCOOTER - MOTORBIKE 50

Part no. 9980090



LEAD ACID BATTERY CHARGER

SPEC. 12v 500mA

Only use with 12v 2-24Ah lead acid battery

A) Input Part

1. Input Voltage: 100-240 Vac 50/60Hz
2. Input Cable: CN/EU/US/UK/AUS Customized AC power plugs
3. Frequency: 50/60Hz
4. No-load Input Power: <0.15Watts
5. Input Current: 0.3A Max

B) Output part

1. Charge Mode: Automatic charge mode: CC--CV mode
2. Rated output: 14.6v (14.5-14.75V), 500mA (450-550mA)
3. Constant Current (CC): Constant 0.5A, voltage range: 8-14.2Vdc
4. Constant Voltage (CV): Constant 14.2-14.6Vdc, current: 0.5A drops to 100mA
5. Max Output Power: 7.3 Watts
6. Led switch current 100mA (80-120mA)
7. Efficiency: $\geq 80\%$
8. Safety Protection: Over-current, Over-voltage, Over-load, Short circuit
9. Certification: CE FCC UL ROHS
10. Charge time: For 2Ah battery, charge time: 5-6 hours;
For 5Ah battery, charge time: 12-13 hours

C) General Properties

1. Ripple And Noise: Output voltage 1%, Ripple&Noise $\leq 200\text{mv}$
2. Leakage Current: 0.5mA (max) at input 120Vac
3. Drop Test:
single free drop from 0.75 m to 0.3 mm wood board for 6 times one cycle, components are not break off
4. Burn-In Test: 100% load, 2 hour
5. Strain Relief Bend Test: 150g, +/-60 degree, 3000 times, 40 times/ per minute
6. MTBF: 50,000 hours@ 25 °C
7. Operate Temperature: -20 to -40 °C
8. Storage Temperature: -20 to -70 °C
9. Humidity Operation: + 40 °C and 90 ~ 95% Humidity

PRODUCT SPECIFICATIONS

D) LED Indicator

Charging status (one led light)	Led display Red: In Charging
	Led display Green: No load or Full Charged

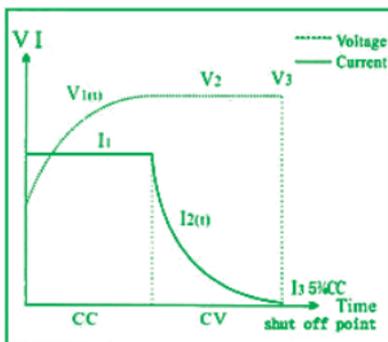
E) Security Parameter

1. Withstand Voltage (Hi-Pot)	3000V/10S (P to S)
	3000V/10S (P to GD)
2. Insulation Resistance: $\geq 10M\Omega$	
3. Surface temperature: $\leq 65^\circ\text{C}$ Working at 23°C	

Structure

1. Net weight: 0.10 Kg
2. Size: 73*28*42 mm (L*W*H)

Charging curve: CC—CV Mode



Remark

1. Input plug: EU/US power Plugs
2. DC cable: UL2468 22AWG 1.2m
3. Output connector: Small clips

WEEE DIRECTIVE & PRODUCT DISPOSAL

At the end of its serviceable life, this product should not be treated as household or general waste. It should be handed over to the applicable collection point for the recycling of electrical and electronic equipment, or returned to the supplier for disposal.

WARRANTY

Warranty is limited to the replacement of parts recognised as faulty by Motorparts S.r.l.. Our products should never be fitted to a vehicle for which compatibility is not indicated.

Warranty does not cover:

- a) changes or tampering with the product;
- b) incorrect assembly or use;
- c) replacement of kit parts with parts not Top Performances;
- d) use of the product in non-standard conditions.

Pictures, data and specifications given in this manual are not binding. Motorparts S.r.l. reserves the right to make changes for any reason whatsoever, be it for update or improvement, even without notice.

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