

CHARGERS FOR LEAD ACID BATTERIES

LM 12010-3S 12V 1A



- **3-step charge control with timer**
- **Switch mode**
- **Plug-in Unit**
- **LED-indicator with three different colours**



Main Input	230V ± 10%, 50Hz	
Charge Current	12V 1A	
End Charge Voltage	13.80VDC Ref.	
Efficiency	83% typical	
Over current Protection	Output short, no damage	
Low voltage protection	Battery voltage < 7.5V	
Operating ambient temperature	0 ~ 40°C	
Storage ambient temperature	-20 ~ 75°C	
Test condition (Ambient temp.)	25 ± 5°C	
Temperature rise	Temperature rise of case Delta T < 50°C	
Approvals	CE	
Low Voltage Directive	EN61010-1:04.93+A2:07.95	
	EN61204:01.95	
EMC Directive	EN50082-1:01.92	EN61000-3-3:01.95
	EN55011:03.91	EN60555-2:04.87
Polarity reverse protection	Reverse polarity, no damage	
Indication	Red & Green & Orange	
Weight	285 g	
Case material	Plastic case	
Dimensions without plug (LxWxH)	110 x 64 x 45	