

9541 SERIES

12V & 24V Battery Chargers: 500 Watts



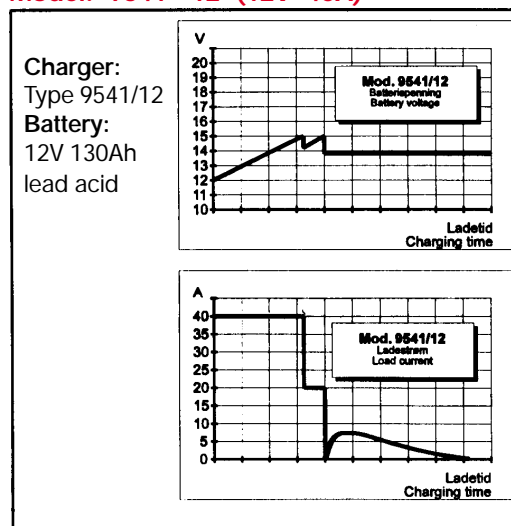
Features

- Automatic charging of lead-acid batteries
- Capable of charging completely flat batteries
- Two stage charge: quick charge at constant current with automatic switchover to constant voltage
- Temperature compensation charging
- Fully protected against short circuit and overload
- Switch mode design, compact lightweight package
- Accurately charges batteries from 100 - 200AH
- The unit consists of two charger modules in parallel, one module failure allows 50% capacity (250W)
- Meets relevant EMC standards.

Specifications

INPUT VOLTAGE:	240 VAC (198 - 264)
FREQUENCY:	47- 63HZ
EFFICIENCY:	Typically 86%
OUTPUT POWER:	500 watts maximum
CHARGE VOLTAGE:	12V set to 13.8V float charge at 20°C 24V set to 27.6V float charge at 20°C Voltage is internally adjustable at ±5%
CHARGE CURRENT:	12V model: 40A constant current until the battery is fully charged, ie. voltage reaches 15V at 20°C. 24V model: 20A constant current until the battery is fully charged, ie. voltage reaches 30V at 20 °C
TEMP. CO-EFFICIENT:	-3mV to -4mV per °C per cell
SWITCHING FREQUENCY:	67kHz
LEAKAGE CURRENT:	Leakage current from battery when charger is not connected to mains < 1mA.
OPERATING TEMP:	-25°C to +40°C at rated power
EMC EMISSION:	EN50081-1 (EN55014, EN60555-2)
EMC IMMUNITY:	EN50082-1 (IEC801-2 -3 -4)
ELECTRICAL SAFETY:	EN60335-1, EN60335-2-9 Class I insulation with ground
PROTECTION:	<ul style="list-style-type: none"> • Short circuit proof • Overtemperature: charge current will reduce to a safe level • Reverse polarity protection • Transient protection at mains with MOV
INDICATOR:	None
CONNECTOR:	IEC socket at input, screw terminals at output
DIMENSIONS & WEIGHT:	289 x 115 x 153mm. 3.5kg.

Model: 9541 - 12 (12V 40A)



Model: 9541 - 24 (24V 20A)

