

## 9940 - FLOAT

Float Charger: 40 Watts



### Features

- For lead acid batteries
- Universal input 90~264 VAC
- LED indicator green when battery connected or power on
- Medical safety approval
- Crocodile clips standard for 13.8V model
- Fully isolated input - output
- Overload and short circuit protection
- EMC and CE marked
- Optional mounting bracket
- IP67 waterproof option

### General Specifications

<b>Input Voltage:</b>	90 - 264VAC
<b>Output Power:</b>	40 watts
<b>Output Voltage:</b>	12V models: 13.8V float 24V models: 27.6V float
<b>Efficiency:</b>	Typically 81%
<b>Load Regulation:</b>	±1%
<b>Line Regulation:</b>	±0.5%
<b>Insulation:</b>	IEC320 Class II
<b>Isolation:</b>	Input - Output: 4000VAC
<b>Safety:</b>	EN60950, AS/NZ60950, EN60335-2-29 EN60601, UL60601-1
<b>EMC:</b>	Medical: EN60601-1-2 Emission: EN61000-6-3 Immunity: EN61000-6-1
<b>Operating Temp:</b>	-10°C to +40°C
<b>Protection:</b>	Current limiting and short circuit protection. Automatically resettable fuse protects the charger against wrong polarity.
<b>LED Indicator:</b>	Green = constant voltage float mode
<b>Dimensions:</b>	107 x 67 x 37mm. 250g

### Description

The 9940 series is part of a family of float and boost chargers.

This float charger is suitable for standby applications where the battery and load are continuously connected to mains power and for keeping standby batteries float charged when not used for long periods.

The 3-step boost chargers are designed for cyclic applications, where the need to re-charge a battery as quickly as possible is the main requirement. Refer to 9940-BOOST in battery charger section.

**Power Cord:** IEC320 input connector with power cable is standard.  
**Mounting Bracket:** Optional bracket for panel mounting P/N:201565



MODEL	VOLTAGE	CURRENT
9940-13.8	13.8V	2.3A
9940-27.6	27.6V	1.3A