



9940 SERIES

Battery Chargers: 40 watts



Features:

- 3- step charge control with timer
- Universal input 100 ~ 240VAC
- Charge current not affected by input voltage fluctuations
- Protected against reversed polarity
- LED-indicators with three different colours
- Available with medical approval (EN60601)
- Safety approval AS3260 pending
- Optional battery clips or barrel type output connector.
- IEC 320 2-pin connector
- EMC approved, CE marked
- Optional Mounting bracket-“ 9940-Bracket”



Model	Volts		A
	Cycle	Float	
9940 - 12	14.7V	13.8V	2.3A
9940 - 24	29.5V	27.6V	1.3A



Specifications

Input:	100 ~ 240VAC ± 10% 50 ~ 60Hz
Charge Voltage:	14.7V for 12V systems 29.5V for 24V systems • Other voltages on request
Float Voltage:	13.8V for 12V systems 27.6V for 24V systems.
Power:	Maximum 40 watts.
Load Regulation:	Typically < 200mV
Line Regulation:	Typically < 100mV
Switch Frequency:	45 kHz
Leakage current:	< 100 µ A @ 12V < 200 µ A @24V
Operating temp:	-10°C to +40°C
Ripple:	< 100mV pk-pk
Efficiency:	81% at rated load and input.
Current Limiting.	Yes refer to table.
Insulation Class:	Class II
Safety Standard:	EN60335-1, EN60335-2-29, AS 3260, EN60950, EN60601
EMC	Emission: EN50081-1 Immunity: EN50082-1
Indicators:	<ul style="list-style-type: none"> • Orange = constant current • Yellow = constant voltage timer on. • Green = constant voltage float mode.
Timer:	Typically 2 hours ± 30min.
Construction:	Desk top with optional mounting bracket..
Output terminals:	Battery Clips option or barrel plug type 12 x 5.5 x 2.1mm (L,DO,DI)
Weight:	250g
Dimensions:	107 x 67 x 37mm

