

9940 SERIES

Battery Chargers: 40 Watts



Specifications

INPUT VOLTAGE:	100~240 VAC \pm 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:	45kHz
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, AS60950, EN60950, EN60601
EMC:	Emission: EN50081-1 Immunity: EN50082-1
INDICATORS:	• Red = constant current • Yellow = constant voltage timer on • Green = constant voltage float mode
TIMER:	Typically 2 hours \pm 30 minutes
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

Features

- 3-step charge control with timer
- Universal input 100~240 VAC
- Charge current not affected by input voltage fluctuations • Protected against reverse polarity
- LED indicators with three different colours
- Medical approval EN60601
- Safety approval AS60950-N19260
- Optional battery clips or barrel type output connector • IEC 320 2-pin input connector
- EMC approved, CE marked

Options:

"9940-Bracket" mounting bracket
Also available as a simple Float Charger
9940-Li (Li-Ion charger)
IP67 Waterproof option



MODEL	DIMENSIONS & WEIGHT:			Rec. Batt A.H.
	V out		A	
	Cycle	Float		
9940 - 12	14.7V	13.8V	2.3A	9 - 60
9940 - 24	29.5V	27.6V	1.3A	4 - 30

Charging Diagram

