

9640 SERIES

Battery Chargers: 40 Watts



Specifications

INPUT VOLTAGE:	240 VAC (190 - 264),50~60Hz
CHARGE VOLTAGE:	7.35V for 6V systems 14.7V for 12V systems 29.5V for 24V systems, other voltages on request
FLOAT VOLTAGE:	6.9V for 6V systems 13.8V for 12V systems 27.6V for 24V systems
POWER:	40 watts maximum
LOAD REGULATION:	Typically <200mV
LINE REGULATION:	Typically <20mV
SWITCHING FREQUENCY:	45kHz
LEAKAGE CURRENT:	<100µA
OPERATING TEMPERATURE:	-10°C to +40°C
RIPPLE:	<20mV pk-pk 12V models
EFFICIENCY:	81% at rated load and input
CURRENT LIMITING:	Yes refer to table
INSULATION CLASS:	Class II
SAFETY STANDARD:	EN60335-1, EN60335-2-29, AS3260, EN60950, EN60065
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 ±30min.
CONSTRUCTION:	Plug pack with mains input plug
OUTPUT TERMINALS:	Battery clips option or barrel plug type 12 x 5.5 x 2.1mm (L, DO, DI)
WEIGHT:	250g.
DIMENSIONS:	100 x 51 x 63mm without plug

Features

- 3-step charge control with timer
- Plug-in unit, switch mode design
- Charge current not affected by input voltage fluctuations
- Protected against reverse polarity
- LED indicators with three different colours
- Medical approval, EN60601
- Safety approval AS3260: N155923
- Optional battery clips or barrel type output connector
- EMC approved, CE marked



MODEL	V out		A	Rec. Batt A.H.
	Cycle	Float		
9640 - 6	7.35V	6.9V	2.7A	11 - 60
9640 - 12	14.7V	13.8V	2.7A	11 - 60
9640 - 24	29.5V	27.6V	1.5A	5 - 30

Charging Diagram

