9840, 9740, 2045 SERIES

Battery Chargers: 75 - 240 Watts

Features

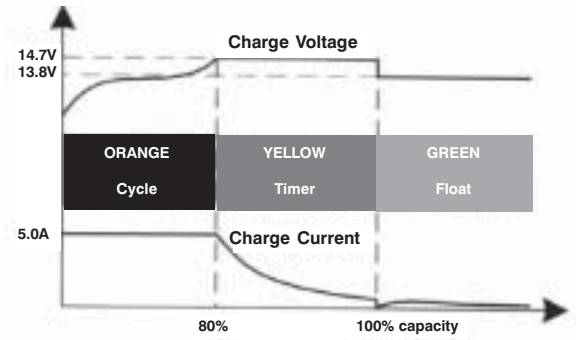
- 3-step charge control with timer
- 75W, 150W and 240W models
- Compact switch mode design
- Charge current not affected by input voltage fluctuations
- Protected against reverse polarity
- LED indicators with three different colours
- Available with medical approval, EN60601
- Safety approval AS3260: CS7485N
- EMC approved, CE marked
- Medical approval EN60601, 9740 & 9840 models

Specifications

INPUT VOLTAGE:	240 VAC (198 - 264), 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:	9840 model: 75 watts 9740 model: 150 watts 2045 model: 240 watts
LOAD REGULATION:	Typically <200mV
LINE REGULATION:	Typically <20mV
SWITCHING FREQUENCY:	63kHz
LEAKAGE CURRENT:	<2.5mA for 12V battery
OPERATING TEMPERATURE:	-10°C to +40°C
RIPPLE:	<100mV pk-pk 12V models,
EFFICIENCY:	83% at rated load and input
CURRENT LIMITING:	Yes refer to table
INSULATION CLASS:	Class I
SAFETY STANDARD:	EN60335-1, EN60601-1, EN60950, AS3260
EMC:	Emission: EN50081-1 Immunity: EN50082-1
INDICATORS:	ORANGE = Constant current YELLOW = Constant voltage timer on GREEN = Constant voltage float mode
TIMER:	Typically 2 hours ±30min.
CONSTRUCTION:	IP21 enclosure
TERMINALS:	• Input mains cable and plug • Battery clips
WEIGHT:	Model 9840: 1.45kg. Model 9740: 1.7kg. Model 2045: 1.7kg.
DIMENSIONS:	Model 9840: 158 x 171 x 54mm Model 9740: 184 x 171 x 54mm Model 2045: 148 x 210 x 68mm

MODEL	V out		A	Rec. Batt. AH
	Cycle	Float		
9740 - 12	14.7V	13.7V	10A	40-400
9740 - 24	29.5V	27.4V	5A	20-200
9740 - 36	44.1V	40.8V	3.3A	15-150
9740 - 48	58.8V	54.8V	2.5A	10-100
9840 - 12	14.7V	13.8V	5A	20-120
9840 - 24	29.5V	27.4V	2.5A	10-60
2045 - 12	14.7V	13.8V	20A	100-1000
2045 - 24	29.5V	27.4V	10A	50-500

Charging Diagram



MEDICAL