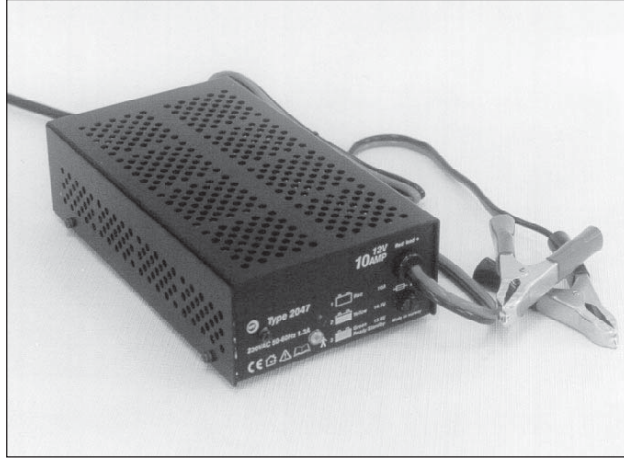


2047 SERIES



Battery Chargers: 130 Watts



Features

- 3-step charge control with timer
- Wide input: 190~264 VAC
- Charge current not affected by input voltage fluctuations
- Protected against reverse polarity
- Short circuit protection
- LED indicators with three different colours
- EMC approved, CE marked
- Optional mounting brackets



Specifications

INPUT VOLTAGE:	240 VAC (190 - 264), 47~63Hz
CHARGE VOLTAGE:	14.7V for 12V systems 29.4V for 24V systems, other voltages on request
FLOAT VOLTAGE:	13.8V for 12V systems 27.4V for 24V systems
POWER:	Maximum 130 watts
LOAD REGULATION:	Typically <200mV
LINE REGULATION:	Typically <100mV
SWITCHING FREQUENCY:	63kHz
LEAKAGE CURRENT:	<2.5mA @ 12V, <3.5mA @ 24V
OPERATING TEMPERATURE:	-10°C to +50°C
RIPPLE:	<100mV pk-pk
EFFICIENCY:	83% at rated load and input
CURRENT LIMITING:	Yes refer to table
INSULATION CLASS:	Class I
SAFETY STANDARD:	EN60335-2-29
EMC:	Emission: EN50081-1 Immunity: EN50082-1 Conducted: EN55014
INDICATORS:	RED = Constant current YELLOW = Constant voltage GREEN = Constant voltage float mode
TIMER:	Typically 4 hours ±30min, other options on request
CONSTRUCTION:	Vented case with mains input cord
OUTPUT TERMINALS:	• Battery clips
WEIGHT:	980g
DIMENSIONS:	192 x 109 x 54mm

MODEL	V Out		A	Rec. Batt. AH
	Cycle	Float		
2047 - 12	14.7V	13.8V	10A	40-400
2047 - 24	29.4V	27.4V	5A	20-200
2047 - 36	44.1V	40.8V	3.3A	15-150
2047 - 48	58.8V	54.8V	2.5A	10-100

Charging Diagram

