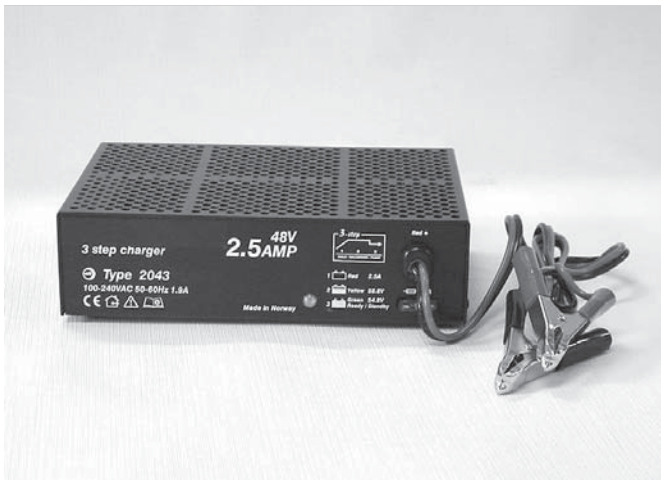


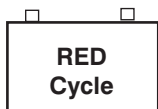
2043 - 2044 SERIES

Battery Chargers: 120 - 240 Watts



Features

- 3-step charge control with timer
- Universal input: 100~240 VAC (2043 Series)
- Power factor corrected 0.99 (2043 Series)
- Charge current not affected by input voltage fluctuations
- Protected against reverse polarity
- LED indicators with three different colours
- Safety approvals EN60335-2-29, AS3260 pending
- EMC approved, CE marked
- Leads with battery clips
- Field proven reliability
- 3 pin IEC320 input connector with mains cord



Specifications

INPUT VOLTAGE:	90~240 VAC (2043 series) 190~264 VAC (2044 series)
FREQUENCY:	47~63Hz
CHARGE VOLTAGE:	14.7V for 12V systems 29.4V for 24V systems, 54.8V for 48V systems • Other voltages on request
FLOAT VOLTAGE:	13.8V for 12V systems 27.4V for 24V systems 54.8V for 48V systems
POWER:	Maximum 120 to 240 watts
LOAD REGULATION:	Typically <200mV
LINE REGULATION:	Typically <100mV
SWITCHING FREQUENCY:	60 / 70kHz (2043 / 2044 models)
LEAKAGE CURRENT:	Model dependent max 4mA
OPERATING TEMPERATURE:	-25°C to +40°C
RIPPLE:	<100mV pk-pk
EFFICIENCY:	82% at rated load and input
CURRENT LIMITING:	Yes refer to table
INSULATION CLASS:	Class I
SAFETY STANDARD:	EN60335-2-29, AS3260 pending
EMC:	Emission: EN50081-1 Immunity: EN50082-1, EN55014
INDICATORS:	RED = Constant current YELLOW = Constant voltage timer on GREEN = Constant voltage float mode
TIMER:	Typically 4 hours ±30min,
IP CODE:	IP20, PCB tropic coated
DIMENSIONS:	148 x 210 x 58mm 1.55kg
OUTPUT TERMINALS:	Battery clips

MODEL	V out		A	Rec Batt AH
	Cycle	Float		
2043 - 12	14.7V	13.7V	10A	40-400
2043 - 24	29.5V	27.4V	5A	20-200
2043 - 36	44.1V	40.8V	3.3A	15-150
2043 - 48	58.8V	54.8V	2.5A	10-100
2044 - 12	14.7V	13.8V	20A	100-1000
2044 - 24	29.5V	27.4V	10A	50-500

Charging Diagram

