

Features

LED DRIVER

- Constant Voltage Output
- UL/CE Certified
- Power Factor Corrected
- Short Circuit, Overload and Overtemperature Protected

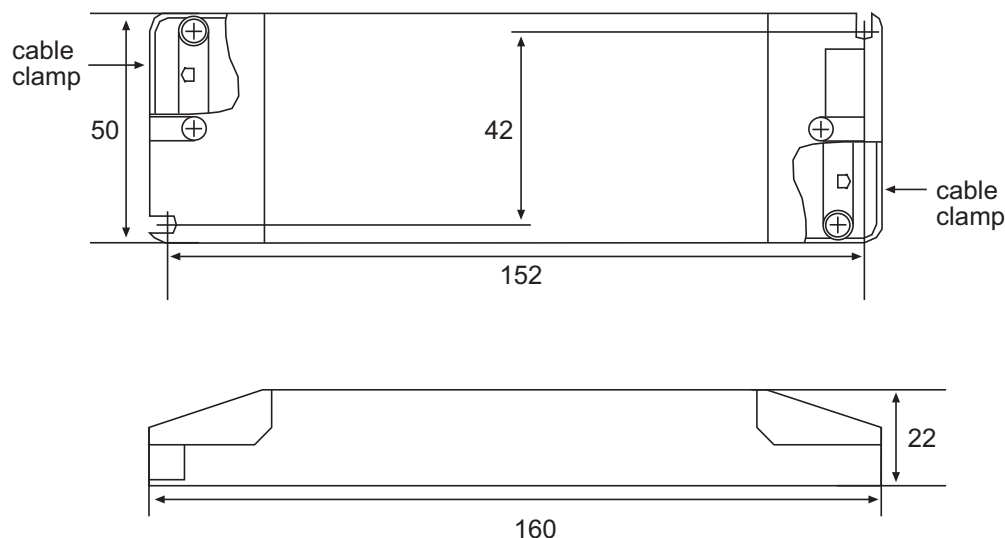
Selection Guide

Part Number	Input Voltage (VAC)	Output Voltage (VDC)	Output Current (mA)	Efficiency typ. (%)
RACV30-24	100-240	24	0-1250	84
RACV30-12	100-240	12	0-2500	83

Specifications (typical at 25°C, nominal input voltage and full load)

Input Voltage Range		90-264VAC or 140-370VDC
Input Frequency Range		47-63Hz
Input Current	(Full Load)	< 380mA
Power Factor Correction	(Full Load)	>0.92
Inrush Current	(2ms peak)	30A max.
Input Fuse		internal 2A/250V
Output Voltage Accuracy	(Output Load min <-> max)	±5%
Load Regulation	(Output Load min <-> max)	2% max.
Line Regulation	(VACin min <-> VACin max)	2% max.
Output Ripple		3% max.
Operating Frequency		≤125kHz
Isolation Voltage		3kVAC / 1 minute
Ambient Temperature Operating Range		-20°C~50°C
Humidity		85% RH max.
Case Material		Epoxy UL94V-0
Weight	RACV30-24	167g
	RACV30-12	170g
Reliability	MIL STD 217F	30x10 ³ hours
EMC Standards		EN55015 FCC18A
Screw Terminal Specification		14AWG or 2.5mm²
Connector Plug Specification		5.5mm connector
Short Circuit Protection		Current Limit, Automatic Restart
Overload Protection	Full Load	110~160%
Overtemperature Protection	Tj=110°C	Automatic Restart

Package Style and Pinning



LIGHTLINE
AC/DC-Converter
with 3 year Warranty

RECOM

30 Watt PFC
Single CV
Output

E340696



EN-61347-2-13 Pending
UL-8750 Certified

RACV30

Please Read Application Notes