

Features LED DRIVER

- Constant Voltage Output
- ENEC, UL, RCM and CB Certified
- Power Factor Corrected
- Short Circuit, Overload and Overtemperature Protected

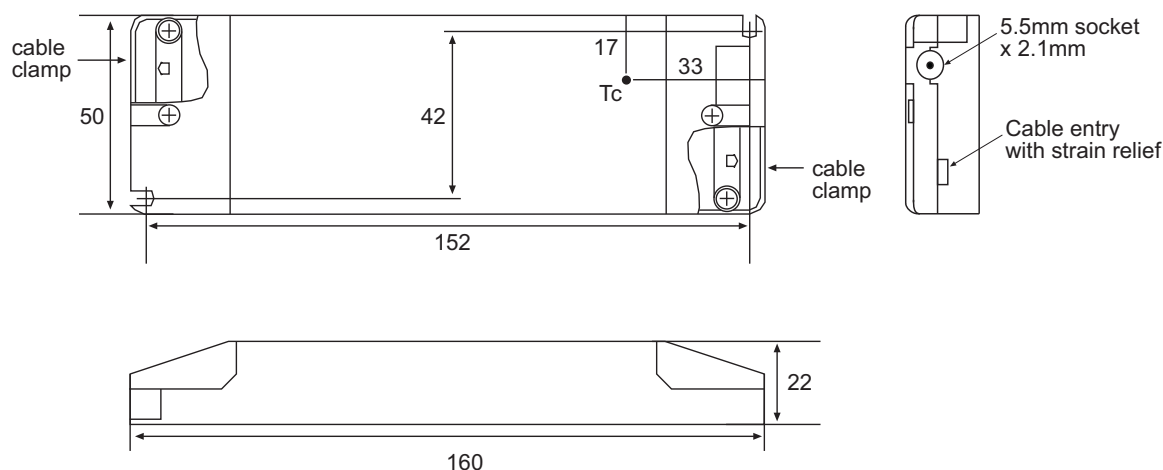
Selection Guide

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
THD	Full Load, 115VAC	12% max.
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	30x10³ 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 5 year Warranty

RECOM

30 Watt PFC Single CV Output



ENEC 61347-2-13 Certified
cUL-8750 Certified

RACV30

3rd angle projection

Connections	
CN1	Function
L	VAC in (L)
N	VAC in (N)
CN2	Function
+	LED+
-	LED-
5.5mm Socket*	Function
Pin	LED+
Shell	LED-
Tolerance	
XX = +/-1mm	
XX.X = +/-0.5mm	

Please Read Application Notes