

LR10 Series Mini Switcher to Replace Linear Adapters



GENERAL SPECIFICATIONS

Input Voltage.....	90-264VAC
Input Frequency.....	47Hz to 63Hz
Input Current (RMS)	0.2A Max.
Outputs.....	see output table
Efficiency.....	>70%
Output voltage	±5%
Ripple noise.....	2%
Leakage current.....	<0.25mA
Protection	Over Voltage Protection AC recycle short circuit protection Output short circuit protection (<0.03 ohm) Auto recovery
Operating Temperature.....	0 to 40°C
Storage Temperature.....	-10°C to 70°C
MTBF.....	>100,000 hours at full load and 25°C ambient temperature.

Safety:
 Designed in full compliance with..... UL 60650-1
 CSA22.2-234, TUV60950-1/EN60950-1, CB, LVD
 EMC:
 EN 55022/CIRSP22
 FCC PART 15B

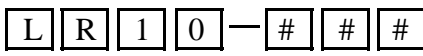
DESCRIPTION

The LR10 Series (10Watts) Mini Switcher is designed to replace the linear adapters. The Mini Switcher adapter is RoHs Compliant as well as US Green Power and CEC (California Energy Commission) . This series is available in 5V thru 24VDC and with US or European AC plug. Compared to Linear Adapters the LR10 is smaller, lighter and more efficiency overall. Cost savings comparable with linear adapters.

MECHANICAL SPECIFICATIONS

- Dimensions:
1.8"(45.5mm)x1.4"(33.5mm)x0.9"(22mm)
- Cable Length : 6 ft.
- Connectors:
AC input: UL type
DC output: right angle barrel plug
(2.1mm ID 5.5mm OD 12mm Length)
other configurations available.

Part Number System:



Example	Output Voltage	Part Number
	5.5VDC	LR10-055
	12VDC	LR10-120

OUTPUT TABLE

MODEL No.	OUTPUT VOLTAGE (V)	OUTPUT CURRENT(A)
LR10-050	+5V	2.0A
LR10-090	+9V	1.1A
LR10-120	+12V	0.83A
LR10-150	+15V	0.67A
LR10-180	+18V	0.56A
LR10-200	+20V	0.50A
LR10-240	+24V	0.42A

Any Voltage available as long as current does not exceed the 10 Watts Max.