## LVC45 & LVC55 Series

### Single output 45W to 55W AC/DC External Adapters

EOS brand L-Series external adapters are 80% + efficient power supplies from Red Rocket, Inc. Available in popular output voltages from 12 to 24 volts the L-Series offer excellent efficiency ratings and small footprint for applications where competitive advantage appreciated but cost is king.

L-Series adapters use top switch technology making them slightly less efficient than EOS Z-Series adapters yet very competitive where price is key. EOS adapters are among the top's worldwide in total number of units in operation driving leading brands including Dell, Apple, HP, Zebra Technologies, Bally Gaming, Shuffle master, Swarovski and hundreds more...



# Eas

#### Features :

- > Optimized for low cost
- > Small form factor
- > Efficiency 80%
- EN55022-B, FCC Part 15 Level B Noise
- World-wide Class 2 safety approvals
- **Class 2 Product**

Model Number	Case Type	Output Voltage	Output Current	Min. Load
LVC45SG12E	SG	12V	3.75A	0A
LVC45SG15E	SG	15V	3.0A	0A
LVC55SG19E	SG	19V	2.9A	0A
LVC55SG24E	SG	24V	2.3A	0A
LVC55SG48E	SG	48V	1.15A	0A

INPUT SPECIFICATIONS				
AC Input	Universal	90 to 264V		
Efficiency	Typical	80%		
Input Frequency		47-63 Hz		
Input Current	Full Load at low line	1.5Arms, max		
Inrush Current	High Line , cold start	40A, Max		
Leakage Current		<250 µA		

OUTPUT SPECIFICATIONS				
Output Power		45 to 55W		
Minimum Load		0.0A		
Hold-Up Time		>10ms		
Set Point Accuracy		<5%		
Line Regulation	Low line to high line	± 0.5%		
Load Regulation	Min to Full Load	± 5%		
Transient Response	10% to full load Voltage Deviation Recovery Time	<5% <5ms		
Ripple and Noise		<2.0%		
Output Rise Time	10% to 90% Load	<25ms		
Turn-on Delay		<1s		
OTP		Yes		
Overload Protection	Auto Recovery >3s	Yes		
Short Circuit Protection	Auto Recovery >3s	Short Term		

All Red Rocket, Inc. EOS power supplies have UL, CSA and Nemko safety compliance and medical versions meet UL60601-1 standards. All our products are RoHs compliant. Visit us at <u>www.redrocketpower.com</u> and contact us at: <u>sales@redrocketpower.com</u> or by calling +1 805-409-0909 today. © 2008, Red Rocket, Inc. EOS brand power supplies and patents are owned exclusively by Red Rocket, Inc. All Rights Reserved.

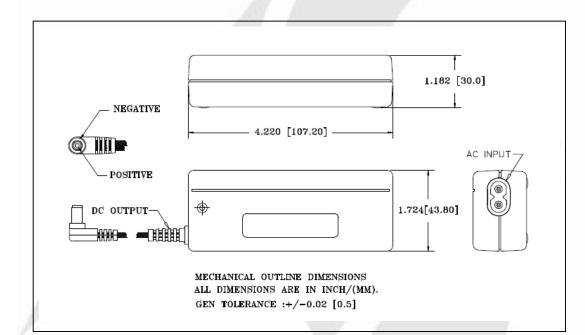


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EM	MECHANICAL SPECIFICATIONS		
	IEC320 C8		Input Connector
E	) inside and utside diameter.	Right angle, hol 0.10" (2.54mm 0.216" (5.49mm) o Center positi	Output Connector
EN	1 2		0
A	X 11102	4.22 x1.724 (107.2 x 43.8	Size
S	50 g)	5oz (15	Weight
	CATIONS	NTAL SPECIF	ENVIRONME
Sa	0 to 40° C		Operating Tempera- ture
	-40 to 85° C		Storage Temperature
	Convection		Cooling
	95%, max	Non condensing	Relative humidity
	> 100.000 hrs	Bellcore, TR332	MTBF

EMC AND SAFETY SPECIFICATIONS		
CE Mark	Complies with the Low Voltage and EMC Directives	
EMC-Emissions	EN5022-B,CISPR22-B, FCC Part 15 Class B, EN50082-1	
EMC - Susceptibility	EN61000-4-2, -4, -5 Level 3	
Agency Approvals	Class 2 SELV: NEMKO, c-UL, UL	
Safety Standards	IEC68950, CSA C22.2 No. 60950, EN60950, UL60950 Class 2 SELV	
Safety file numbers	NEMKO: P05205056 UL : E1306019	



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