

ZVC60 & ZVC70 Series

Single output 60W to 70W AC/DC External Adapters

The EOS ZVC60 and ZVC70 "Power Z model" adapters range in power from 60 watts to 70 watts and are available in popular voltage outputs at 12V, 15V, 19V and 24V.

Applications include low power LAN/WAN routers, hubs and switches, industrial products, computing equipment, multimedia gear and many general electronics systems. These small package, big power adapters provide greater than 90% efficiency converting AC power to DC. The low profile *Power Z* measures a compact size of 8 watts per cu. in. and weighs under 12 ounces. The ZVC60/70 *Power Z* adapters feature auto ranging AC input from 90v to 264v, operating temperature of 0 to 40 degrees C and have worldwide safety and agency certifications and are RoHs compliant. Our factory is ISO140001 environmentally approved.



Features :

- > Efficiency to 90%
- > Universal input
- > EN55022-B, FCC Part 15 Level B Noise
- > Class 2 safety approvals

Model Number	Case Type	Voltage/Current	Output Current	Peak Power
ZVC60NT12E	NT	12V@4.58A	55W	65W
ZVC60NT15E	NT	15V@3.66A	55W	65W
ZVC70NS19E	NS	19V@3.50A	65W	80W
ZVC70NS24E	NS	24V@2.90A	70W	80W

OUTPUT SPECIFICATIONS		
Output Power		60 to 70W
Minimum Load		0.0A
Hold-Up Time	115 VAC	3ms
Set Point Accuracy	NT Case NS Case	±3% ±5%
Line Regulation	Low line to high line	±1%
Load Regulation	Min to Full Load	±3%
Transient Response	10% to full load Voltage Deviation Recovery Time	<5% <15ms
OVP		None
Overload Protection		Yes
Short Circuit Protection	Auto Recovery <6s	Short Term
Ripple and Noise		<2.0%
Output Rise Time		<50ms

INPUT SPECIFICATIONS		
AC Input	Universal	90 to 264V
Efficiency		90%
Input Frequency		47-63 Hz
Input Current	Full Load at low line	1.5Arms, max
Inrush Current	High Line , cold start	50A, Max
Leakage Current		<250 µA

Case Type	Length (L) In / mm	Width (W) In / mm	Height (H) In / mm	Input Connector
NT	4.505 / 114.4	2.384 / 60.6	1.152 / 29.2	IEC320 C8
NS	5.236 / 133	2.284 / 58.0	1.152 / 29.2	IEC320 C8

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 www.redrocketpower.com and contact us at: sales@redrocketpower.com 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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ZVC60 & ZVC 70 Series

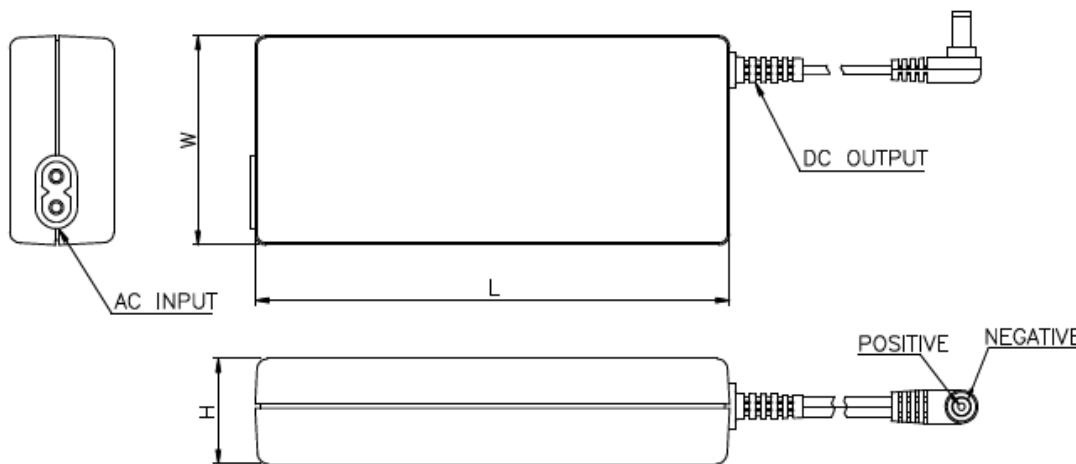
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MECHANICAL SPECIFICATIONS	
Input Connector	IEC320 C8
Output Connector	Right angle, hollow coax plug 0.10" (2.54mm) inside and 0.216" (5.49mm) outside diameter. Center positive polarity
Weight	8 oz (220g)

EMC AND SAFETY SPECIFICATIONS	
CE Mark	Complies with LVD and EMC Directives
EMC-Emissions	EN5022-B,CISPR22-B, FCC Part 15 Class B, EN50082-1
EMC - Susceptibility	EN61000-4-2(level 3), -4(level 2), -5 (level 2)
Agency Approvals NS & NT Case	NEMKO, UL, c-UL
Safety Standards	IEC950 CSA C22.2 No.950, EN60950, UL class 2 SELV
Safety file numbers	NEMKO: P064192 UL : E150565

ENVIRONMENTAL SPECIFICATIONS		
Operating Temperature		0 to 40° C
Storage Temperature		-40 to 85° C
Cooling		Convection
Relative humidity	Non condensing	95%, max
MTBF	MIL-HDBK 217F	> 100,000 hrs



MECHANICAL OUTLINE DIMENSIONS
ALL DIMENSIONS ARE IN INCHES/(MM).
GEN TOLERANCE \pm 0.02 [0.5]