

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	Output Voltage	Output Current
ZVC60NT12E	NT	12V	5A
ZVC60NT15E	NT	15V	4A
ZVC70NS19E	NS	19V	3.5A
ZVC70NS24E	NS	24V	2.91A

INPUT SPECIFICATIONS		
AC Input	Universal	90 to 264V
Efficiency	Typical	85%
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 μ A

OUTPUT SPECIFICATIONS		
Output Power		60 to 70W
Minimum Load		0.0A
Hold-Up Time	115 VAC	3ms
Set Point Accuracy	NT Case NS Case	\pm 5% \pm 5%
Line Regulation	Low line to high line	\pm 1%
Load Regulation	Min to Full Load	\pm 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	NT NS	500mV <2.0%
Output Rise Time		<50ms

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 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.eospower.com. EOS brand power supplies and patents are owned exclusively by EOS Power. All Rights Reserved.



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)

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

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

