ZVC45 Series

Single output 20W to 45W AC/DC External Adapters

So small it's hardly there. Packing 8 watts per cu. inch the EOS ZVC45 "Micro Z model' adapters range in power from 20 watts to 45 watts and are available in popular voltage outputs from 5 volts to 24 volts.

Applications include low power LAN/WAN routers, hubs and switches, industrial products, computing equipment, multimedia gear and many general electronics applications. Millions are in operation with leading product brands. These small package, big power adapters provide greater than 90% efficiency converting AC power to DC. The cell phone size Micro Z measures a mere 3.50" x1.76" x 0.967" and weighs under 6 ounces. The ZVC45 Micro 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 also is ISO140001 environmentally approved.

Case

Туре

FS

FS

FS

FS

Model

Number

ZVC20FS05E

ZVC25FS09E

ZVC36FS12E

ZVC36FS15E

Input Frequency

Input Current

Inrush Current

Leakage Current



En

Features :

- High power density up to 8W/in³
- > Efficiency to 90%
- Smallest 45W adapter
- EN55022-B, FCC Part 15 Level B Noise safety approvals
- **Class 2 safety approvals**

Min Current		OUTPUT SPECIFICATIONS			
Limit Point		Output Power		20 to 45W	
5.00A		Minimum Load	5V output models	0.5A	
3.50A			9V output models Other models	0.2A 0.0A	
3.35A		Hold-Up Time		10ms	
2.60A		Set Point Accuracy		±5%	
2.05A	1	Line Regulation	Low line to high line	± 0.5%	
1.62A	6	Load Regulation	Min to Full Load	± 5%	
2.52A		Transient Response	2.5% Load Change from mid level Voltage Deviation	<3%	
2.00A	_		Recovery Time ZVC20 & 25FS ZVC36 & 45FS	<1ms <3ms	
1		OVP		YES	
/		Overload Protection		Yes, 125%	
		Short Circuit Protection	Auto Recovery <3s	Short Term	
		Ripple and Noise	5V Other voltages	60mV 1%	

Output Rise Time

ZVC45FS19E ZVC45FS24E	FS FS	19V 24V	2.36A 1.87A	2.52A 2.00A	
AC Input		PECIFICAT	90 to 13		

Full Load at low line

High Line , cold start

Voltage

5V

9\/

12V

15V

Current

4.00A

2.77A

3.00A

2.40A

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. 4EM-09-0xx 39-DE60-43153-002/A1

47-63 Hz

1.1Arms, max

40A, Max

<250 µA



<10ms

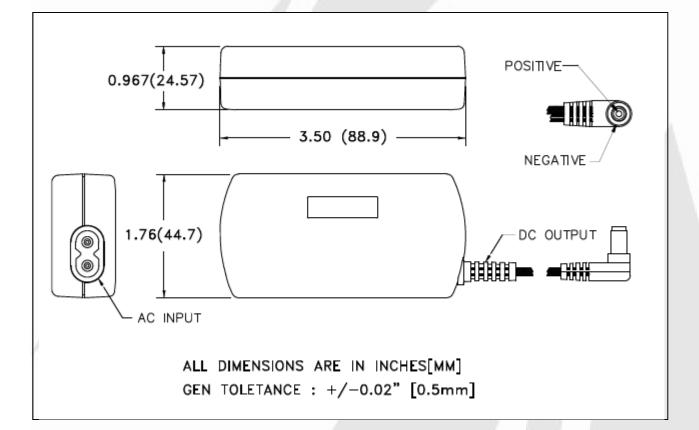
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Page 1

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MECHANIC		ATIONS	EMC AND SAFETY SPECIFICATIONS	
Input Connector	IEC	C320 C8	CE Mark	Complies with low voltage and EMC Directives
Output Connector	Right angle, hollow coax plug 0.10" (2.54mm) inside and 0.216" (5.49mm) outside diameter.		EMC	EN5022-B,CISPR22-B, FCC Part 15 Class B, EN50082-1
		ositive polarity	Agency Approvals	NEMKO, UL, c-UL,GOST,CCIB, MITI, PCBC, MEEI
		.76 x 0.967 " I.7 x 24.57 mm)	Safety Standards	IEC60950, CSA C22.2 No. 60950, EN60950,
Weight	50	z (150g)		UL1950 Class 2 SELV
ENVIRONMENTAL SPECIFICATIONS			Safety file numbers	NEMKO: P06206737 UL : E150565
Operating Temperature		0 to 40° C	1 - 10	
Storage Temperature		-40 to 85° C		
Cooling		Convection		
Relative humidity	Non condensing	95%, max		
MTBF	MIL-HDBK 217F	> 100,000 hrs		



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39-DE60-43153-002/A1

4EM-09-0xx

Page 2