

# ZVC36NP Series

## Single output 36 AC/DC External Adapters

**New**



### Features :

- > Universal Input
- > Desktop Style
- > Efficiency to 80%
- > Convection cooled
- > EN55022-B—Level B
- > Class 1 Product
- > CEC Compliant
- > Energy Star IV Compliant
- > 0 to 50°C Operating

The New 36Watt NP Series from Red Rocket are ideal for portable computing, multimedia, industrial, networking and printing applications.

The new NP series of power adapters are fully compliant with CEC and Energy Star IV requirements and provide their full output power without the need for fan cooling.

The NP series are also available with non-standard voltage outputs as an option.



Model Number	Output	I Min	I Max	Power
ZVC36NP12E4	+12V	0.0A	3.0A	36W
ZVC36NP12E8	+12V	0.0A	3.0A	36W
ZVC36NP15E4	+15V	0.0A	2.4A	36W
ZVC36NP15E8	+15V	0.0A	2.4A	36W
ZVC36NP19E4	+19V	0.0A	1.89A	36W
ZVC36NP19E8	+19V	0.0A	1.89A	36W
ZVC36NP24E4	+24V	0.0A	1.5A	36W
ZVC36NP24E8	+24V	0.0A	1.5A	36W
ZVC36NP48E4	+24V	0.0A	0.75A	36W
ZVC36NP48E8	+24V	0.0A	0.75A	36W

INPUT SPECIFICATIONS		
AC Input	Universal	90 to 264V
Efficiency	Typical	80%
Input Frequency		47—63Hz
Input Current		1.0A Max
Inrush Current	Max	30A @ 115vac 60A @ 230VAC

MECHANICAL SPECIFICATIONS	
Input Connector	IEC320—C14 OR C8
Output Connector, Cable / length	Jack Connector UL1185, 16/18AWG/4ft
Size	117.0mm x 53.0mm x 31.5mm
Weight	250g

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](http://www.redrocketpower.com) and contact us at: [sales@redrocketpower.com](mailto: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. REV 06-19-08

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ENVIRONMENTAL SPECIFICATIONS	
Operating Temperature	0° C to +50° C De-Rate from 40° C @ 100% to 50° @ 75% load.
Storage Temperature	-20° to + 85° C
Cooling	Convection
Relative humidity	20% to 90% RH
MTBF	≥100,000Hrs

OUTPUT SPECIFICATIONS		
Output Power		36W
Minimum Load		0.0A
Hold-Up Time		30ms @ 230VAC 10ms @ 115VAC
Line Regulation		± 2% Max
Load Regulation		± 5% Max
Transient Response		<5%
OCP		Auto Recovery
Overload Protection		Auto Recovery
SC Protection		Short Term
Ripple and Noise		2% P-P Max
Output Rise Time		<10ms

EMC AND SAFETY SPECIFICATIONS	
CEC Mark	Complies with standby power ( @ no load ) < 0.5 W.
EMC—Radiated/ Conducted	EN55022,CISPR22, FCC Part 15 Class B
Agency Approvals	UL / EN60950—1 , CE, CB
Safety Standards	UL,CE,CB , EN60950-1
EMC—Environmental	EN61000-3-2,3 EN61000-4-2,3,4,5,6,8,11

