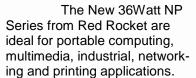
ZVC36NP Series

Single output 36 AC/DC External Adapters



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.





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

Model Number	Output	l 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		
lengui	UL1185, 16/18AWG/4ft		
Size	117.0mm x 53.0mm x 31.5mm		
Weight	250g		





ZVC36NP Series





Single output 36 AC/DC External Adapters

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	

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	

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		

