

Single Output 45 to 65W

Universal Input AC/DC Power Adapters

Unless stated otherwise, specifications are typical and rated at full load, nominal input voltage, convection cooling and 25°C.

INPUT

AC Input	Auto-ranging	90 to 132V 180 to 264V
Efficiency	5V Model Other Models	82% >88%
Input Frequency		47— 63 Hz
Input Current	Full load at low line	1.5A _{rms} , max
Inrush Current	High line, cold start	40A, max

OUTPUT

Output Power		25 to 65W
Voltage Set Point		See table
Minimum Load	5V Other Outputs	1.0A 0.0A
Hold-Up Time		15ms
Set Point Accuracy		<5%
Line Regulation	Low Line to High Line	<0.5%
Load Regulation	Min to Full Load	<5%
Transient Response	10% to Full Load Voltage Deviation Recovery Time	<5% <3ms
OVP		Yes
Overload Protection		Yes
Short Circuit Protection	Auto Recovery <3s	Short Term
Ripple and Noise		<1.5%
Output Rise Time		<10ms

ENVIRONMENTAL

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

CE Mark	Full compliance with the Low Voltage and EMC Directives	
EMC	EN55022-B, CISPR22-B, FCC Part 15 Class B, EN50082-1	
Agency Approvals SG Case	VDE, UL, c-UL, Fimko, Nemko, QAS, EZU, SIQ, Semko, EZU, Demko, CCIB, KETI, GOST, IRAM, MITI, PCB	
Agency Approvals LT Case	VDE, UL, c-UL, Fimko, Nemko, Semko, Demko, MITI	
Safety Standards	IEC950, CSA C22.2 No. 950, EN60950, UL1950 Class 2 SELV	
Safety File numbers	VDE: 18934-3336 UL: E150565	



Model Number	Case Type	Voltage/Current	Min Current Limit Point	Power Peak
ZVC25SG05E	SG	5V@5.00A	6.30A	30W
ZVC40LT12E	LT	12V@3.33A	3.80A	45W
ZVC45SG12E	SG	12V@3.75A	4.50A	50W
ZVC45LT15E	LT	15V@3.00A	3.50A	50W
ZVC55SG15E	SG	15V@3.66A	4.60A	60W
ZVC65SG19E	SG	19V@3.15A	3.63A	65W
ZVC65SG24E	SG	24V@2.70A	3.11A	70W
ZVC65SG48E	SG	48V@1.35A	1.55A	70W

MECHANICAL

Input Connector	IEC320 C8
Output Connector	Right angle, hollow coax plug 0.10 (2.54mm) inside and 0.21 (5.49mm) outside diameter. Center positive polarity
Size	1.73x4.23x1.12 (43.9x107.4x28.5mm)
Weight	7oz (200g)

EOS Corporation

DIMENSIONS

