



7.08 x 3.94 x 1.57"
180 x 100 x 40.5mm

Input

Input Voltage 90-264 VAC
 Input Frequency 47-63Hz
 Inrush Current <80A Max Cold Start
 Hold-Up Time >18ms @ 115VAC & 230VAC
 Leakage Current <3500 μ A @ 230 VAC

Features:

- * Universal AC Input (90-264 VAC)
- * Small 1U High Profile
- * Measuring only 7.08 x 3.94 x 1.57" / 250 x 100 x 40.5mm
- * Active Power Factor Correction for EN61000-3-2 Compliance
- * Smart Fans (temperature controlled) for low noise applications
- * Worldwide Safety Approvals
- * EN55022 & FCC Class B Emissions
- * CB Report & CE Mark

General

Efficiency 70% typical
 Operating Temperature 0 to 50°C full load, derate 2.5% per °C to 70°C max.
 Storage Temperature -20°C to +80°C
 Cooling Internal Thermally Controlled Fans

Output

Minimum Load See Output Table
 Load Regulation \pm 5% max (-5 & -12v = \pm 10% max)
 Ripple & Noise \pm 1% typ. pk-pk @ 20MHz
 Overload Protection Protected against short circuit
 OverVoltage Protection V1 & V2 Only Latching at >135% of nominal
 Adjustment Fixed

EMC & Safety

Emissions EN55022 "B", FCC Part 15 Subject J Class B

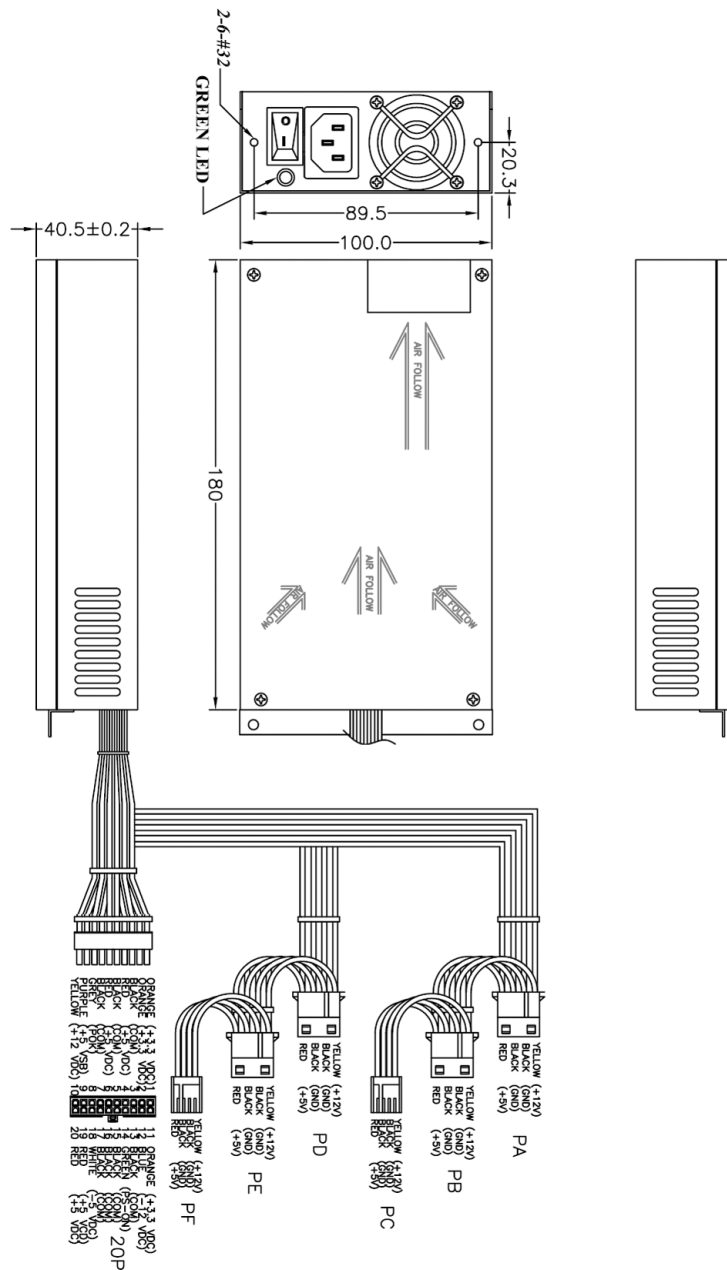
Safety Approvals UL/cUL 60950
 EN60950
 CB Report
 CE Mark (LVD)



Model Number	VDC Output	Min Load	Max Load
ZKS-250WX-1U	+3.3V	1.4A	14A
	+5V	2.5A	25A
	+12V	1A	10A
	-5V	-	0.5A
	-12V	0.1A	1A
	+5Vsb	0.1A	1.5A

Add Suffix "-G" for Gaming Applications (< 500uA Leakage Current & Class A Emissions)

Mechanical Details



Notes