



POWER ADAPTER SPECIFICATION



XJK65W Series

FEATURES

- Certified IEC 62382-1
- Meet Energy Efficiency DOE Level VI
- Meet COC Version 5 Tier2
- High Reliability
- Over Temperature Protection
- Over Voltage Protection
- Over Current Protection
- With PFC Circuit

SAFETY STANDARD APPROVAL



DESCRIPTION

This Power Adapter is with 65watt power, intend to use for IPC systems, rugged system, POS system, monitor, printer and PoE application, that has a high wattage demands. This ac to dc adapter operates at Variable input voltage range: AC 90V to AC 265V. The Safety Accord with IEC62368 , EN62368 , UL62368 , GB4943.

INPUT SPECIFICAITONS

Input Voltage:	90-265VAC
Input Frequency:	47Hz-63Hz
Input Current:	full load 1.2A
No Load Power Consumption:	0.21W
Touch Current:	0.25mA

OUTPUT SPECIFICAITONS

Output Voltage:	5-24VAC
Output Current:	2A-8A
Protection	
Over Voltage:	The adapter will enter into shut down that means no output while over voltage happened at output terminal that caused by internal fault, the output trip voltage shall not exceed rated volts.
Short Circuit & Over Current:	When an internal fault occurs, or an external fault is applied to the power adapter, such that an overload or short circuit is applied to the output, the power adapter shall shut down and enter auto-recovery mode.
Over temperature:	The power supply will enter into shut down while the abnormal thermal rise occurs. That will be return to normal state by AC reset.
Environment	
Working TEMP:	0~70 (> 40 de-rating)
Storage TEMP:	-30 ~ +85
Working Humidity:	30% ----- 95%
Storage Humidity:	30% ----- 98%

OUTPUT SPECIFICAITONS

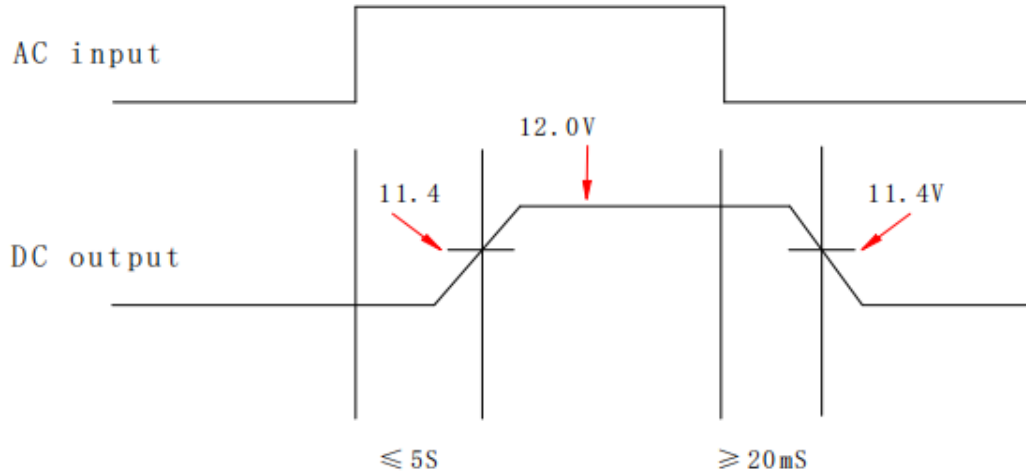
Power Factor:	115Vac, 230Vac / full load
Efficiency:	DOE 88% COC 89%
Time sequence:	See Switch On/Off graph
Inrush current:	100Vac, 240Vac/full load, with 25 environment TEMP, Max 30A
Operating altitude:	under 5000 meters
MTBF:	100Vac, 240Vac/full load, 500,000 hours at 27 , standard MIL-HDBK-217F
EMC Performance	
EN55032:	Class B conducted, Class B radiated
FCC:	Class B conducted, Class B radiated
EN61000-3-2:	Class A
EN61000-3-3:	Meet regulation
EN61000-4-2:	Class B
EN61000-4-3:	80 ~1000 MHz,3V/m, 80 % AM(1kHz), criterion A
EN61000-4-4:	1kV input, air 101.5kPA, meet criterion B
EN61000-4-8:	0.15 ~ 80 MHz, 1A/m, meet criterion A



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TIME SEQUENCE GRAPH

AC switch at ON/OFF



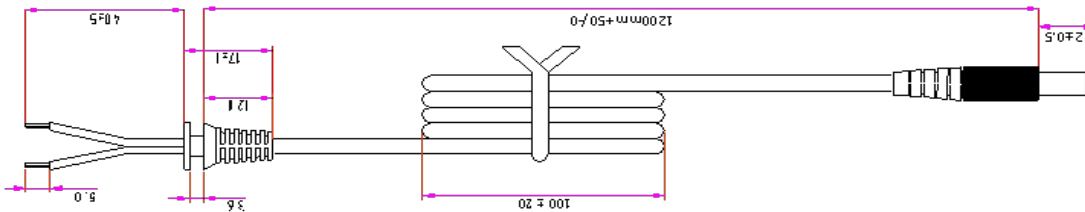
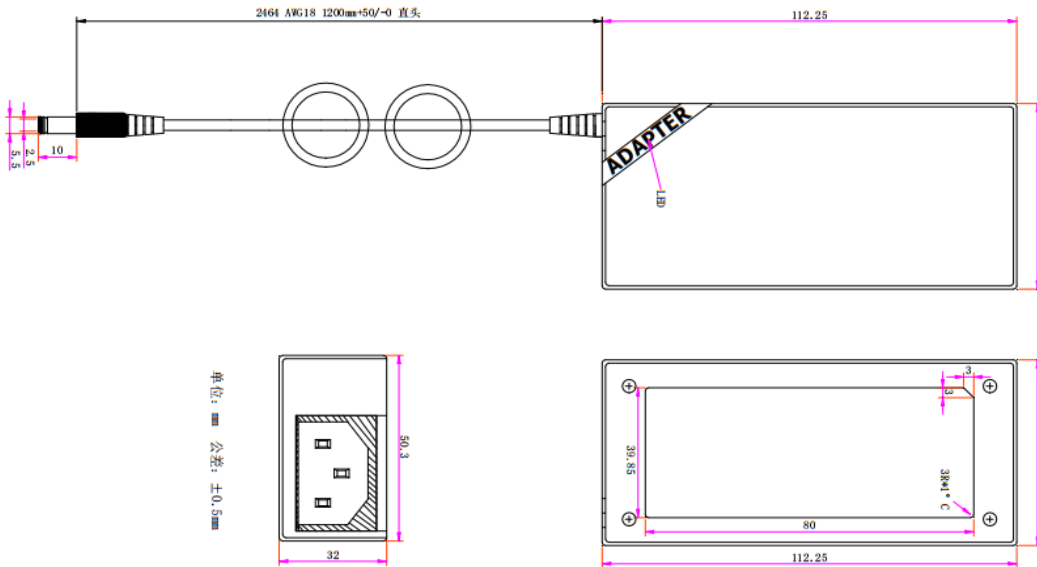
OUTPUT VOLTAGE/CURRENT RATING CHART

MODEL	OUTPUT VOLTAGE	OUTPUT CURRENT	EFFICIENCY		OVER VOLTAGE
			DOE(LEVEL VI)	OC V5(Tier 2)	
KZ0508000	5V	8A	≥88%	≥89%	8Volts
KZ1205000	12V	5A			19Volts
KZ2402500	24V	2.5A			35Volts
...					



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MECHANICAL & AC CONNECTOR SPECIFICATION



1. CORD MATERIAL: 2464 AWG18*2C.
2. DC PLUG TPYE: 5.5*2.1*12mm 直头音叉
3. INSULATION: PVC 4.2mm diameter
4. OUT JACKET: PVC. COLOR: Black.
5. TEMPERATURE: 80° C.
6. Unit: mm

TEST MODE:
DC 5.5*2.1 MALE
(TUNING FORK YELLOW)

