

# LED 12V 60 WATT POWER SUPPLY

## FEATURES

UL/cUL/CE and RoHS CERTIFICATIONS

OUTDOOR IP67 WATERPROOF

COMPACT DESIGN: 140mm X 42mm X 30mm



## SPECIFICATIONS

### OUTPUT

DC VOLTAGE	12V
RATED CURRENT	5A
RATED POWER	60 WATTS
RIPPLE AND NOISE (max)	<100mVp-p @ 20MHz Bandwidth 10uF Electrolytic Cap & 0.1uF Ceramic Cap
VOLTAGE ADJUSTMENT RANGE	11.4V-12.6V
LINE REGULATION	<1%
LOAD REGULATION	<5%

### INPUT

VOLTAGE RANGE	100-240VAC
FREQUENCY	50-60Hz
EFFICIENCY (TYP)	>82% at 100-240VAC Input and output full load
AC CURRENT	0.7A/100VAC
INRUSH CURRENT	30A MAX/240VAC input at cold start 25°C
LEAKAGE CURRENT	<0.25mA when operated at maximum input voltage and maximum load

### PROTECTION

SHORT CIRCUIT	No damage should occur due to any output operating under a short circuit condition. The power supply will self-recover once the fault condition is removed.
OVER VOLTAGE	Protection type: Shut down and latch off o/p voltage, re-power to recover.

### ENVIRONMENT

WORKING TEMPERATURE	0°C ~ 40°C
WORKING HUMIDITY	10%~90%
STORAGE TEMP/HUMIDITY	-30°C~+70°C, 10%~90% RH
VIBRATION	The power supply shall be designed to withstand normal transportation vibration per MIL-STD-810D, method 514 and procedures x, as it is.


### SAFETY and EMC

SAFETY STANDARD	UL,cUL; UL8750+UL60950, GS,CE: EN61347-1, /-2-13
EMI CONDUCTION and RADIATION	The power supply met the radiated and conducted emission requirements for FCC PART 15B Class B, EN55015

### OTHERS

MTBF	550,000 Hours
Life Time	68,000 Hours
Shell Material	Aluminum

PART NO.: ZCV-1260

			<div>METRIC</div> <div></div> <div>THIRD ANGLE PROJECTION</div>		<div>DIMENSIONS ARE MILLIMETER (INCH)</div> <div>TOLERANCE UNLESS OTHERWISE SPECIFIED</div> <div>1 PL +/- REF.</div> <div>2 PL +/- REF.</div> <div>ANGLE +/- REF.</div>		<div>JKL COMPONENTS CORPORATION</div>						
					TITLE								
					12V 60 WATT LED POWER SUPPLY								
			DRAWN BY		APPV'D BY    DATE		SIZE	FSCM NO.	DRAWING NO.				
			L. WENGSTROM		L.R.    8/10/15		A	55335	ZCV-1260				
RELEASED			8/10/15		- CAD DRAWING -		SCALE	NONE	RELEASED DATE	8/10/15	REVISION DATE	REV. NO.	SHEET
REV. NO.			DESCRIPTION/ECO NUMBER		APPV'D DATE		MANUAL REVISIONS NOT PERMITTED						1 OF 1