

POWERLD

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 SWITCHING POWER SUPPLY
 ISO-9001 CERTIFIED MANUFACTURER

GZM-U40S5

- * **LOW COST, HIGH RELIABILITY**
- * **100% FULL LOAD BURN IN TEST**
- * **OVER VOLTAGE, OVER CURRENT PROTECTION**
- * **CONTINUOUS SHORT CIRCUIT PROTECTION**
- * **NO MINIMUM LOAD REQUIRED**
- * **HIGH EFFICIENCY, LOW WORKING TEMPERATURE**

SPECIFICATION All specification are typical at nominal input , full load at 25 unless otherwise stated

INPUT	Input Voltage Range		100Vac~240Vac
	Input Frequency (Hz)		47Hz~63Hz
	Efficiency (%)		70% typ.
	Inrush Current		<20A@110Vac,<40A@220Vac
	Input Current		<1.2A
OUTPUT	Output Voltage		V1 5V
	Load Current		0~8A
	Line Regulation		±0.5%
	Load Regulation		±3.0%
	Ripple & Noise (mVp-p)	0 ~ 20MHz	< 50mV
	Temp. coefficient		± 0.03%/
	Adjusted Voltage		5V± 5%
	Start-up Time		<2.0S@110Vac , <1.0S@220Vac
	Hold-up Time		>10mS@110Vac , >20mS@220Vac
	Output Power		40W
	PROTECTION FUNCTION	Over Current Protection	
Over Voltage Protection		115% ~ 135% , latch off	
Short Circuit Protection		Auto recovery	
ISOLATION	Primary to Secondary		1.5KVAC/min, Cutoff curren < 10mA
	Primary to P.G		1.5KVAC/min, Cutoff current < 10mA
	Secondary to P.G		0.5KVDC/min, Cutoff current < 10mA
ISOLATION RESISTANCE	Primary to Secondary		50MO
	Primary to P.G		50MO
	Secondary to P.G		50MO
CONFIGURATION	Lengthx Widthx Height		145x78x38(mm)
	Cooling method		convection
ENVIRONMENT	Operating temp.&humidity		0 ~ 45 , 20% ~ 90% RH
	Storage temp.&humidity		-25 ~ 85 , 10% ~ 95% RH
PICTURE			