



Features:

- Universal AC input / Full range
- No load power consumption<0.3W
- ErP step2 compliant
- NRCan compliant
- Meet EISA 2007 (Energy Independence and Security Act)
- 3 pole AC inlet IEC320-C14
- Class I power (with earth pin)
- Protections: Short circuit / Overload / Over voltage
- Fully enclosed plastic case
- LED indicator for power on
- Approvals: UL / CUL / TUV / BSMI / CCC / PSE / CB / FCC / CE
- Pass LPS
- 2 years warranty





C VOLTAGE ATED CURRENT JURRENT RANGE ATED POWER (max.) PPLE & NOISE (max.) Note.3 DITAGE TOLERANCE Note.4 NE REGULATION Note.5 DAD REGULATION Note.6 ETUP, RISE, HOLD UP TIME DITAGE RANGE REQUENCY RANGE FFICIENCY (Typ.) C CURRENT	3.0A 0 ~ 3.0A 15W 50mVp-p ±5.0% ±1.0% ±5.0% 500ms, 20ms, 20ms,	GS18A07 7.5V 2.0A 0 ~ 2.0A 15W 80mVp-p ±5.0% ±1.0% ±5.0% 50ms/230VAC 135 ~ 370VE		GS18A12 12V 1.50A 0 ~ 1.50A 18W 80mVp-p ±3.0% ±1.0% ±3.0%	GS18A15 15V 1.20A 0 ~ 1.20A 18W 100mVp-p ±3.0% ±1.0%	GS18A18 18V 1.0A 0 ~ 1.0A 18W 150mVp-p ±3.0% ±1.0%	GS18A24 24V 0.75A 0 ~ 0.75A 18W 180mVp-p ±2.0%	GS18A28 28V 0.64A 0 ~ 0.64A 18W 240mVp-p ±2.0%	GS18A48 48V 0.375A 0 ~ 0.375A 18W 240mVp-p ±2.0%		
ATED CURRENT JARRENT RANGE ATED POWER (max.) PPLE & NOISE (max.) Note.3 DLTAGE TOLERANCE Note.4 NE REGULATION Note.5 DAD REGULATION Note.6 ETUP, RISE, HOLD UP TIME DLTAGE RANGE REQUENCY RANGE FFICIENCY (Typ.) C CURRENT	3.0A 0 ~ 3.0A 15W 50mVp-p ±5.0% ±1.0% ±5.0% 500ms, 20ms, 90 ~ 264VAC 47 ~ 63Hz	2.0A 0 ~ 2.0A 15W 80mVp-p ±5.0% ±1.0% ±5.0% 50ms/230VAC	2.0A 0 ~2.0A 18W 80mVp-p ±5.0% ±1.0% ±5.0%	1.50A 0~1.50A 18W 80mVp-p ±3.0% ±1.0%	1.20A 0~1.20A 18W 100mVp-p ±3.0% ±1.0%	1.0A 0 ~ 1.0A 18W 150mVp-p ±3.0%	0.75A 0 ~ 0.75A 18W 180mVp-p ±2.0%	0.64A 0 ~ 0.64A 18W 240mVp-p	0.375A 0 ~ 0.375A 18W 240mVp-p		
JRRENT RANGE ATED POWER (max.) PPLE & NOISE (max.) Note.3 DLTAGE TOLERANCE Note.4 NE REGULATION Note.5 DAD REGULATION Note.6 ETUP, RISE, HOLD UP TIME DLTAGE RANGE REQUENCY RANGE FFICIENCY (Typ.)	0 ~ 3.0A 15W 50mVp-p ±5.0% ±1.0% ±5.0% 500ms, 20ms, 90 ~ 264VAC 47 ~ 63Hz	0~2.0A 15W 80mVp-p ±5.0% ±1.0% ±5.0% 50ms/230VAC	0~2.0A 18W 80mVp-p ±5.0% ±1.0% ±5.0%	0~1.50A 18W 80mVp-p ±3.0% ±1.0%	0 ~ 1.20A 18W 100mVp-p ±3.0% ±1.0%	0 ~ 1.0A 18W 150mVp-p ±3.0%	0 ~ 0.75A 18W 180mVp-p ±2.0%	0 ~ 0.64A 18W 240mVp-p	0 ~ 0.375A 18W 240mVp-p		
ATED POWER (max.) PPLE & NOISE (max.) Note.3 DLTAGE TOLERANCE Note.4 NE REGULATION Note.5 DAD REGULATION Note.6 ETUP, RISE, HOLD UP TIME DLTAGE RANGE REQUENCY RANGE FFICIENCY (Typ.) C CURRENT	15W 50mVp-p ±5.0% ±1.0% ±5.0% 500ms, 20ms, 90 ~ 264VAC 47 ~ 63Hz	15W 80mVp-p ±5.0% ±1.0% ±5.0% 50ms/230VAC	18W 80mVp-p ±5.0% ±1.0% ±5.0%	18W 80mVp-p ±3.0% ±1.0%	18W 100mVp-p ±3.0% ±1.0%	18W 150mVp-p ±3.0%	18W 180mVp-p ±2.0%	18W 240mVp-p	18W 240mVp-p		
PPLE & NOISE (max.) Note.3 DLTAGE TOLERANCE Note.4 NE REGULATION Note.5 DAD REGULATION Note.6 ETUP, RISE, HOLD UP TIME DLTAGE RANGE REQUENCY RANGE FFICIENCY (Typ.) C CURRENT	50mVp-p ±5.0% ±1.0% ±5.0% 500ms, 20ms, 90 ~ 264VAC 47 ~ 63Hz	80mVp-p ±5.0% ±1.0% ±5.0% 50ms/230VAC	80mVp-p ±5.0% ±1.0% ±5.0%	80mVp-p ±3.0% ±1.0%	100mVp-p ±3.0% ±1.0%	150mVp-p ±3.0%	180mVp-p ±2.0%	240mVp-p	240mVp-p		
PPLE & NOISE (max.) Note.3 DLTAGE TOLERANCE Note.4 NE REGULATION Note.5 DAD REGULATION Note.6 ETUP, RISE, HOLD UP TIME DLTAGE RANGE REQUENCY RANGE FFICIENCY (Typ.) C CURRENT	±5.0% ±1.0% ±5.0% 500ms, 20ms, 90 ~ 264VAC 47 ~ 63Hz	±5.0% ±1.0% ±5.0% 50ms/230VAC	±5.0% ±1.0% ±5.0% 500ms,	±3.0% ±1.0%	±3.0% ±1.0%	±3.0%	±2.0%				
DLTAGE TOLERANCE Note.4 NE REGULATION Note.5 DAD REGULATION Note.6 ETUP, RISE, HOLD UP TIME DLTAGE RANGE REQUENCY RANGE FFICIENCY (Typ.) C CURRENT	±5.0% ±1.0% ±5.0% 500ms, 20ms, 90 ~ 264VAC 47 ~ 63Hz	±5.0% ±1.0% ±5.0% 50ms/230VAC	±5.0% ±1.0% ±5.0% 500ms,	±3.0% ±1.0%	±3.0% ±1.0%	±3.0%	±2.0%				
NE REGULATION Note.5 DAD REGULATION Note.6 ETUP, RISE, HOLD UP TIME DLTAGE RANGE REQUENCY RANGE FFICIENCY (Typ.) C CURRENT	±1.0% ±5.0% 500ms, 20ms, 90 ~ 264VAC 47 ~ 63Hz	±5.0% 50ms/230VAC	±5.0%			±1.0%					
ETUP, RISE, HOLD UP TIME DLTAGE RANGE REQUENCY RANGE FFICIENCY (Typ.) C CURRENT	500ms, 20ms, 90 ~ 264VAC 47 ~ 63Hz	50ms/230VAC	500ms,	±3.0%			±1.0%	±1.0%	±1.0%		
DLTAGE RANGE REQUENCY RANGE FFICIENCY (Typ.) C CURRENT	90 ~ 264VAC 47 ~ 63Hz				±3.0%	±3.0%	±2.0%	±2.0%	±2.0%		
REQUENCY RANGE FICIENCY (Typ.) C CURRENT	47 ~ 63Hz	135 ~ 370VD)C	20ms, 15ms/11	5VAC at full lo	ad					
FICIENCY (Typ.) C CURRENT											
CURRENT	79.5%	47 ~ 63Hz									
		82%	83%	85%	85%	85%	86%	86.5%	87%		
RUSH CURRENT (max.)	0.5A/100VAC										
	45A / 230VAC										
AKAGE CURRENT(max.)	0.75mA / 240VAC										
OVERLOAD	110 ~ 150% rated output power										
	Protection type: Hiccup mode, recovers automatically after fault condition is removed										
PROTECTION OVER VOLTAGE	105 ~ 135% rated output voltage										
	Protection type: Clamp by zener diode, output short										
ORKING TEMP.	0 ~ +50°C (Re	efer to "Deratin	g Curve")								
ORKING HUMIDITY	20% ~ 90% RH non-condensing -20 ~ +85°C, 10 ~ 95% RH										
ORAGE TEMP., HUMIDITY											
MP. COEFFICIENT	±0.03% / ℃ (0 ~ 50℃)									
AFETY STANDARDS											
ITHSTAND VOLTAGE											
OLATION RESISTANCE	I/P-O/P, I/P-FG:100M Ohms / 500VDC / 25°C / 70% RH										
	Compliance to EN55022, EN61000-3-2,3, FCC PART 15 / CISPR22 class B, CNS13438 class B, GB9254										
	93*54*36mm (L*W*H)										
ABLE	See page2										
2.DC voltage: The output volta B.Ripple & noise are measured 1.Tolerance: includes set up to 5.Line regulation is measured 6.Load regulation is measured	age set at poir d at 20MHz by blerance, line from low line d from 20% to	nt measure by y using a 12" fregulation, load to high line at 100% rated lo	plug terminal twisted pair ter d regulation. rated load. pad	& 50% load. rminated with a		·	rhole system c	complies with t	he		
VEI OR OR OR OR OR OR OR OR OR OR OR OR OR	RLOAD R VOLTAGE KING TEMP. KING HUMIDITY RAGE TEMP., HUMIDITY P. COEFFICIENT ATION ETY STANDARDS ISTAND VOLTAGE ATION RESISTANCE EMISSION IMMUNITY F INSION KING G LE Il parameters are specified C voltage: The output volta ipple & noise are measure olerance: includes set up to ine regulation is measured he power supply is conside the power supply is conside	AGGE CURRENT(max.) 0.75mA / 240\	AGGE CURRENT(max.) RLOAD RLOAD RVOLTAGE RICKING TEMP. RICKING HUMIDITY RAGE TEMP., HUMIDITY P. COEFFICIENT ATION BETY STANDARDS RICKIND WILLIAMS RICKIND WILLIAMS RAGE TEMP., HUMIDITY P. COEFFICIENT ATION RESISTANCE RICKING WILLIAMS RAGE TEMP., HUMIDITY P. COEFFICIENT ATION RESISTANCE REMISSION RE	AGGE CURRENT(max.) RLOAD 110 ~ 150% rated output power Protection type : Hiccup mode, recovers a 105 ~ 135% rated output voltage Protection type : Clamp by zener diode, o 105 ~ 135% rated output voltage Protection type : Clamp by zener diode, o 105 ~ 135% rated output voltage Protection type : Clamp by zener diode, o 105 ~ 135% rated output voltage Protection type : Clamp by zener diode, o 105 ~ 135% rated output voltage Protection type : Clamp by zener diode, o 105 ~ 135% rated output voltage Protection type : Clamp by zener diode, o 105 ~ 135% rated output voltage Protection type : Clamp by zener diode, o 105 ~ 135% rated output voltage Protection type : Clamp by zener diode, o 105 ~ 135% rated output voltage Protection type : Clamp by zener diode, o 105 ~ 135% rated output Voltage Protection type : Hiccup mode, recovers a 105 ~ 135% rated output voltage Protection type : Hiccup mode, recovers a 105 ~ 135% rated output voltage Protection type : Hiccup mode, recovers a 105 ~ 135% rated output voltage Protection type : Hiccup mode, recovers a 105 ~ 135% rated output voltage 106 ~ 100 ~	AGGE CURRENT(max.) RLOAD 110 ~ 150% rated output power Protection type : Hiccup mode, recovers automatically a 105 ~ 135% rated output voltage Protection type : Clamp by zener diode, output short RKING TEMP. 10 ~ +50°C (Refer to "Derating Curve") RAGE TEMP., HUMIDITY 20% ~ 90% RH non-condensing RAGE TEMP., HUMIDITY -20 ~ +85°C, 10 ~ 95% RH P. COEFFICIENT ±0.03% / °C (0 ~ 50°C) ATION 10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each alo ETY STANDARDS UL60950-1, CSA C22.2, TUV EN60950-1, BSMI CNS1433 ISTAND VOLTAGE I/P-O/P:4242VDC, I/P-FG:2121VDC ATION RESISTANCE I/P-O/P, I/P-FG:100M Ohms / 500VDC / 25°C / 70% RH EMISSION Compliance to EN55022, EN61000-3-2,3, FCC PART 15 / Compliance to EN61000-4-2,3,4,5,6,8,11, light industry le F 500Khrs min. MIL-HDBK-217F(25°C) SOUND 93*54*36mm (L*W*H) KING 230g; 60pcs / 15kg / CARTON See page2 Il parameters are specified at 230VAC input, rated load, 25°C 70% RH ambient. C voltage: The output voltage set at point measure by plug terminal & 50% load. ipple & noise are measured at 20MHz by using a 12" twisted pair terminated with a olerance: includes set up tolerance, line regulation, load regulation. ine regulation is measured from 20% to 100% rated load. he power supply is considered as an independent unit, but the final equipment still he power supply is considered as an independent unit, but the final equipment still	AGE CURRENT(max.) 0.75mA / 240VAC 110 ~ 150% rated output power Protection type : Hiccup mode, recovers automatically after fault cond 105 ~ 135% rated output voltage Protection type : Clamp by zener diode, output short (KING TEMP. 105 ~ 135% rated output voltage Protection type : Clamp by zener diode, output short 20% ~ 90% RH non-condensing RAGE TEMP, HUMIDITY 20% ~ 90% RH non-condensing RAGE TEMP, HUMIDITY 20% ~ 90% RH non-condensing 10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes 20 × 30% / °C (0 ~ 50°C) 1ATION 10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes 21 × STANDARDS UL60950-1, CSA C22.2, TUV EN60950-1, BSMI CNS14336, PSE J60950 1STAND VOLTAGE 1/P-O/P.4242VDC, 1/P-FG:2121VDC ATION RESISTANCE 1/P-O/P, 1/P-FG:100M Ohms / 500VDC / 25°C / 70% RH EMISSION Compliance to EN55022, EN61000-3-2,3, FCC PART 15 / CISPR22 class 1MMUNITY Compliance to EN61000-4-2,3,4,5,6,8,11, light industry level, criteria A 500Khrs min. MIL-HDBK-217F(25°C) 30 See page2 LE See page2 Il parameters are specified at 230VAC input, rated load, 25°C 70% RH ambient. C voltage: The output voltage set at point measure by plug terminal & 50% load. ipple & noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1uf & 47uf olerance: includes set up tolerance, line regulation, load regulation. Ine regulation is measured from low line to high line at rated load. oad regulation is measured from 20% to 100% rated load. and he power supply is considered as an independent unit, but the final equipment still need to re-cor	AGE CURRENT (max.) O.75mA / 240VAC 110 ~ 150% rated output power Protection type: Hiccup mode, recovers automatically after fault condition is removed. R VOLTAGE 105 ~ 135% rated output voltage Protection type: Clamp by zener diode, output short. O ~ +50°C (Refer to "Derating Curve") EKING HUMIDITY 20% ~ 90% RH non-condensing RAGE TEMP., HUMIDITY -20 ~ +85°C, 10 ~ 95% RH P. COEFFICIENT	AGGE CURRENT(max.) O.75mA / 240VAC RLOAD 110 ~ 150% rated output power Protection type : Hiccup mode, recovers automatically after fault condition is removed 105 ~ 135% rated output voltage Protection type : Clamp by zener diode, output short RKING TEMP. O ~ +50°C (Refer to "Derating Curve") RKING HUMIDITY 20% ~ 90% RH non-condensing RAGE TEMP, HUMIDITY -20 ~ +85°C, 10 ~ 95% RH P. COEFFICIENT ±0.03% / °C (0 ~ 50°C) ATION 10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes ETY STANDARDS UL60950-1, CSA C22.2, TUV EN60950-1, BSMI CNS14336, PSE J60950-1(5~28V only), CCC GB494 ISTAND VOLTAGE I/P-0/P:4242VDC, I/P-FG:2121VDC ATION RESISTANCE I/P-0/P, I/P-FG:100M Ohms / 500VDC / 25°C / 70% RH EMISSION Compliance to EN65022, EN61000-3-2,3, FCC PART 15 / CISPR22 class B, CNS13438 class B, GB92 IMMUNITY Compliance to EN61000-4-2,3,4,5,6,8,11, light industry level, criteria A F 500Khrs min. MIL-HDBK-217F(25°C) See page2 II parameters are specified at 230VAC input, rated load, 25°C 70% RH ambient. C voltage: The output voltage set at point measure by plug terminal & 50% load. inple & noise are measured at 20MHz by using a 12° twisted pair terminated with a 0.1uf & 47uf capacitor. iner regulation is measured from low line to high line at rated load. bad regulation is measured from low line to high line at rated load. bad regulation is measured from low line to high line at rated load. bad regulation is measured from 20% to 100% rated load. bad regulation is measured from 20% to 100% rated load. bad regulation is measured from 20% to 100% rated load. bad regulation is measured from 20% to 100% rated load. bad regulation is measured from 20% to 100% rated load. bad regulation is measured from 20% to 100% rated load. bad regulation is measured from 20% to 100% rated load. bad regulation is measured from 20% to 100% rated load. bad regulation is measured from 20% to 100% rated load. bad regulation store supply is considered as an independent unit, but the final equipment still need	AGGE CURRENT(max.) RLOAD RLOAD 110 ~ 150% rated output power		



