



## Features:

- Universal AC input / Full range
- No load power consumption <0.5W
- Meet energy star level IV(CEC) for 5 ~ 48V
- Meet EISA 2007 (Energy Independence and Security Act) for 5 ~ 48V
- 2 pole EURO plug
- Class II power (without earth pin)
- Full output 3~48V safety approval
- Protections: Short circuit / Overload / Over voltage
- Pass LPS
- Fully enclosed plastic case
- Approvals: TUV / CB / FCC / CE
- 2 years warranty

## AGE CB FC ( E

AFETY MODEL NO. C VOLTAGE ATED CURRENT URRENT RANGE ATED POWER IPPLE & NOISE (max.) OLTAGE ADJ. RANGE OLTAGE TOLERANCE INE REGULATION OAD REGULATION ETUP, RISE, HOLD UP	Note.4	GPSU15E-0 3.3V 2.18A 0 ~ 2.18A 7.2W 50mVp-p 3 ~ 5V Fixed	GS15E-1P1J GPSU15E-1 5V 2.40A 0~2.40A 12W 50mVp-p 5~6V	GS15E-11P1J GPSU15E-1-1 7.5V 1.60A 0~1.60A 12W 80mVp-p	GS15E-2P1J GPSU15E-2 9V 1.66A 0~1.66A	GPSU15E-3 12V 1.25A	GS15E-4P1J GPSU15E-4 15V 1.00A	GPSU15E-5 18V	<b>GS15E-6P1J</b> GPSU15E-6 24V	GS15E-8P1 GPSU15E-8	
C VOLTAGE ATED CURRENT URRENT RANGE ATED POWER IPPLE & NOISE (max.) OLTAGE ADJ. RANGE OLTAGE TOLERANCE INE REGULATION OAD REGULATION	Note.3 Note.4 Note.5	3.3V 2.18A 0 ~ 2.18A 7.2W 50mVp-p 3 ~ 5V Fixed	5V 2.40A 0 ~ 2.40A 12W 50mVp-p	7.5V 1.60A 0 ~ 1.60A 12W	9V 1.66A 0 ~1.66A	12V 1.25A	15V	18V			
ATED CURRENT URRENT RANGE ATED POWER IPPLE & NOISE (max.) OLTAGE ADJ. RANGE OLTAGE TOLERANCE INE REGULATION OAD REGULATION	Note.3 Note.4 Note.5	2.18A 0 ~ 2.18A 7.2W 50mVp-p 3 ~ 5V Fixed	2.40A 0 ~ 2.40A 12W 50mVp-p	1.60A 0 ~ 1.60A 12W	1.66A 0 ~1.66A	1.25A			24V	48V	
URRENT RANGE ATED POWER IPPLE & NOISE (max.) OLTAGE ADJ. RANGE OLTAGE TOLERANCE INE REGULATION OAD REGULATION	Note.4	0 ~ 2.18A 7.2W 50mVp-p 3 ~ 5V Fixed	0 ~ 2.40A 12W 50mVp-p	0 ~ 1.60A 12W	0~1.66A		1.00A	0.024			
ATED POWER IPPLE & NOISE (max.) OLTAGE ADJ. RANGE OLTAGE TOLERANCE INE REGULATION OAD REGULATION	Note.4	7.2W 50mVp-p 3 ~ 5V Fixed	12W 50mVp-p	12W		0 4 0 5 4		0.83A	0.62A	0.31A	
IPPLE & NOISE (max.) OLTAGE ADJ. RANGE OLTAGE TOLERANCE INE REGULATION OAD REGULATION	Note.4	50mVp-p 3 ~ 5V Fixed	50mVp-p		45144	0 ~ 1.25A	0 ~ 1.00A	0 ~ 0.83A	0 ~ 0.62A	0 ~ 0.31A	
OLTAGE ADJ. RANGE OLTAGE TOLERANCE INE REGULATION OAD REGULATION	Note.4	3 ~ 5V Fixed		80m\/n-n	15W	15W	15W	15W	15W	15W	
OLTAGE TOLERANCE INE REGULATION OAD REGULATION	Note.4	Fixed	5~6V	oom vp p	80mVp-p	80mVp-p	100mVp-p	120mVp-p	150mVp-p	240mVp-p	
OLTAGE TOLERANCE INE REGULATION OAD REGULATION	Note.4			6~8V	8 ~ 11V	11 ~ 13V	13 ~ 16V	16 ~ 21V	21 ~ 27V	33 ~ 48V	
INE REGULATION OAD REGULATION	Note.5	10.00/	Fixed								
OAD REGULATION		±6.0%	±5.0%	±5.0%	±5.0%	±3.0%	±3.0%	±3.0%	±2.0%	±2.0%	
		±1.0%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	
ETUP, RISE, HOLD UP	Note.6	±6.0%	±5.0%	±5.0%	±5.0%	±3.0%	±3.0%	±3.0%	±2.0%	±2.0%	
	TIME	3000ms, 50m	s, 16ms at full	load							
VOLTAGE RANGE		90 ~ 264VAC 135 ~ 370VDC									
FREQUENCY RANGE		47 ~ 63Hz									
FFICIENCY (Typ.)	Note.7	55%	65%	72%	74%	76%	77%	78%	80%	81%	
C CURRENT		0.5A / 100VA	5	•							
INRUSH CURRENT (max.)		50A / 230VAC									
LEAKAGE CURRENT(max.)		0.25mA / 240VAC									
OVERLOAD OVERLOAD	105 ~ 250% rated output power										
		Protection type: Hiccup mode, recovers automatically after fault condition is removed									
		>120% rated output voltage									
OVER VOLTAGE		Protection type : Clamp by zener diode									
ORKING TEMP.	0 ~ +50°C (Refer to output load derating curve)										
WORKING HUMIDITY STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION		20% ~ 90% RH non-condensing									
		-20 ~ +85°C, 10 ~ 95% RH									
		±0.03% / °C (0 ~ 50°C)									
		10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes									
AFETY STANDARDS	UL60950-1, CSA22.2, EN60950-1 approved										
SAFETY & ISOLATION RESISTANCE EMC (Note. 8) EMI CONDUCTION & RADIATION HARMONIC CURRENT		I/P-O/P:3KVAC									
		I/P-O/P:100M Ohms / 500VDC / 25°C / 70% RH									
		Compliance to EN55022 class B, FCC part 15 Class B									
		Compliance to EN61000-3-2,3									
EMS IMMUNITY		Compliance to EN61000-4-2,3,4,5,6,11, light industry level, criteria A									
MTBF		500Khrs min. MIL-HDBK-217F(25℃)									
OTHERS DIMENSION PACKING		, ,									
				ON							
CONNECTOR PLUG CABLE		Standard type	P1J: 2.1φ * 5	$0.5\phi$ * 11mm, tu	ining fork type	center positive	for stock ; Othe	er type availabl	e by customer	requested	
		Standard type	18Awg UL118	35 6ft and 5ft fo	r 3.3V output o	nly for stock ; C	Other type avail	able by custom	ner requested	<u> </u>	
2.DC voltage: The out 3.Ripple & noise are n 4.Tolerance: includes: 5.Line regulation is me 6.Load regulation is m 7.Efficiency is measure	put volt neasure set up t easured easure ed at 20	age set at poiled at 20MHz be olerance, line I from low line of from 0% to 30VAC.	nt measure by y using a 12" regulation, loa to high line at 100% rated loa	plug terminal twisted pair tel d regulation. rated load. ad	& 50% load. minated with a			must be re-cor	nfirmed that it s	still meets	
R F C N E N N N T E II A N S N A N II II A L A 1234567	DLTAGE RANGE REQUENCY RANGE REQUENCY (Typ.) C CURRENT RUSH CURRENT (ma RAKAGE CURRENT(ma RECORD (ma) R	DLTAGE RANGE REQUENCY RANGE REQUENCY (Typ.) Note.7 C CURRENT RUSH CURRENT (max.) RAKAGE CURRENT(max.) RECORD (Max.) RECORD (Max.	DLTAGE RANGE  PO ~ 264VAC  REQUENCY RANGE  REQUENCY (Typ.) Note.7  CCURRENT  RUSH CURRENT (max.)  RAKAGE CURRENT(max.)  Protection typ.  Protection typ.  Protection typ.  Protection typ.  PRINT COMPLETE TO ~ +85°C, COMP	DLTAGE RANGE  REQUENCY RANGE  REQUENCY RANGE  REQUENCY (Typ.) Note.7  SOA / 100VAC  SOA / 230VAC  COURRENT  SOA / 230VAC  CAKAGE CURRENT(max.)  SOA / 230VAC  CAKAGE CURRENT(max.)  SOA / 230VAC  CAKAGE CURRENT(max.)  SOB / 2550% rated output pore protection type: Hiccup more protection type: Clamp by: 0 company by: 0 compan	REQUENCY RANGE  FICIENCY (Typ.) Note.7 55% 65% 72%  C CURRENT  RUSH CURRENT (max.) 50A / 230VAC  RAKAGE CURRENT(max.) 0.25mA / 240VAC  FICH OAD  FOR VOLTAGE  CORKING TEMP. 0 ~ +50°C (Refer to output load derating curbon by the complete of	PARTION RESISTANCE  INCOMPRESSION  I	DLTAGE RANGE  90 ~ 264VAC 135 ~ 370VDC  REQUENCY RANGE  47 ~ 63Hz  FICIENCY (Typ.) Note.7 55% 65% 72% 74% 76%  CURRENT  0.5A / 100VAC  RUSH CURRENT (max.) 50A / 230VAC  AKAGE CURRENT(max.) 0.25mA / 240VAC  105 ~ 250% rated output power  Protection type: Hiccup mode, recovers automatically after fault cond  **/FRUCHAGE**  **Protection type: Clamp by zener diode**  **ORKING TEMP. 0 ~ +50°C (Refer to output load derating curve)  **ORKING HUMIDITY 20% ~ 90% RH non-condensing  **ORAGE TEMP., HUMIDITY 20% ~ 90% RH non-condensing  **ORAGE TEMP., HUMIDITY 20% ~ 90% RH non-condensing  **ORAGE TEMP., HUMIDITY 20% ~ 90% RH non-condensing  **OSOHR, COEFFICIENT 20,03% / °C (0 - 50°C)  **BRATION 10 - 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes  **JETY STANDARDS UL60950-1, CSA22.2, EN60950-1 approved  **INFONDUCTION & RADIATION Compliance to EN61000-3-2,3  **UP-O/P:3KVAC 1/P-O/P:100M Ohms / 500VDC / 25°C / 70% RH  **INCONDUCTION & RADIATION Compliance to EN61000-3-2,3  **IS IMMUNITY Compliance to EN61000-4-2,3,4,5,6,11, light industry level, criteria A  **ISI IMMUNITY Compliance to EN61000-4-2,3,4,5,6,11, light industry level, criteria A  **ISI IMMUNITY Compliance to EN61000-4-2,3,4,5,6,11, light industry level, criteria A  **ISI IMMUNITY Compliance to EN61000-4-2,3,4,5,6,11, light industry level, criteria A  **ISI IMMUNITY Compliance to EN61000-4-2,3,4,5,6,11, light industry level, criteria A  **ISI IMMUNITY Compliance to EN61000-4-2,3,4,5,6,11, light industry level, criteria A  **ISI IMMUNITY Compliance to EN61000-4-2,3,4,5,6,11, light industry level, criteria A  **ISI IMMUNITY Compliance to EN61000-4-2,0,4,5,6,11, light industry level, criteria A  **ISI IMMUNITY Compliance to EN61000-4-2,0,4,5,6,11, light industry level, criteria A  **ISI IMMUNITY Compliance to EN61000-4-2,0,4,5,6,11, light industry level, criteria A  **ISI IMMUNITY Compliance to EN61000-4-2,0,4,5,6,11, light industry level, criteria A  **ISI IMMUNITY Compliance to EN61000-4-2,0,4,5,6,11, light industry level, criteria A  **ISI IMMUN	DITAGE RANGE  ### 135 ~ 370 VDC  ### 135 ~ 370 VDC	DLTAGE RANGE   90 - 264VAC   135 - 370VDC	DECEMBER   90 - 264VAC   135 - 370VDC	



