



50W Desktop Triple or Dual power supply < GPSN50

GPSN50 20~72.22W Desktop series

DoE(VI) & EU ErP/CoC(5)

UNIT:mm



FIG 1: IEC-320-C14

FIG 2: IEC-320-C6

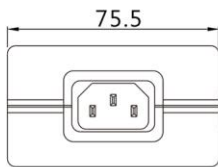
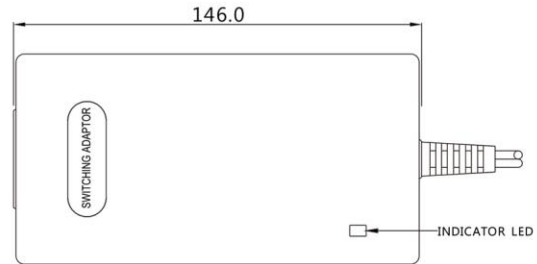


FIG 1

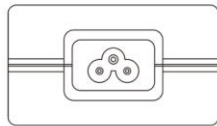
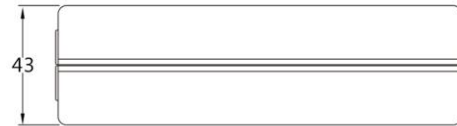


FIG 2



■ Safety agency approvals:



■ Specifications:

Model No.	GPSN50
AC input range	100~240VAC; 47~63Hz; 1.6A
Leakage current	Class I: 3.5mA @ 240VAC/50Hz
Operating temperature	-20°C to ~+70°C (safety approval 0°C to 40°C, >40°C please contact the sales request derating curve.)
Withstand voltage	4242VDC from input to output
EMC	(A) CE EN 55032, EN 55024 (B) FCC 47 CFR Part 15 Subpart B
Safety	(A) UL/cUL (B) TUV/GS (C) TUV/PSE (D) CB
Warranty	1 year

■ X = A: (IEC-320-C14 FIG 1) or C: (IEC-320-C6 FIG 3)

Model name	Output#1		Output#2		Output#3		Max.output power(W)	DoE setup Output	Avg.Eff.(%) DoE(VI)_CoC(5)	No load power consumption(W)
	V-nom	I-max	V-nom	I-max	V-nom	I-max				
GPSN50X-13	5~10V	4~2A	11~13V	3.27~2.77A	N/A	N/A	56W	+5V/4.0A, +12V/3A, N/A	>86	<0.3W
GPSN50X-14	5~10V	4~2A	13~18V	2.77~2.00A	N/A	N/A	56W	+5V/4.0A, +13V/2.77A, N/A	>86	<0.3W
GPSN50X-16	5~10V	5~2.5A	18~24V	1.40~1.05A	N/A	N/A	50W	+5V/5.0A, +18V/1.4A, N/A	>86	<0.3W
GPSN50X-16-1	5~10V	3~1.5A	18~24V	2.27~1.70A	N/A	N/A	56W	+5V/3.0A, +24V/1.7A, N/A	>86	<0.3W
GPSN50X-36	10~17V	3~1.8A	18~24V	1.40~1.05A	N/A	N/A	56W	+17V/1.8A, +24V/1.05A, N/A	>86	<0.3W
GPSN50X-13A	5~10V	4~2A	12V	2.8A	-5V	0.5A	56W	+5V/4.0A, +12V/2.8A, -5V/0.5A	>86	<0.3W
GPSN50X-14A	5~10V	4~2A	15V	2.23A	-5V	0.5A	56W	+5V/4.0A, +15V/2.23A, -5V/0.5A	>86	<0.3W
# GPSN50X-13D	5~10V	5~2.5A	11~13V	2.18~1.85A	-11~-13V	0.54~0.46A	55W	+5V/5.0A, +12V/2.0A, -12V/0.5A	>86	<0.3W
# GPSN50X-14E	5~10V	4~2A	13~18V	2.20~1.60A	-13~-18V	0.57~0.41A	56W	+5V/4.0A, +15V/1.9A, -15V/0.5A	>86	<0.3W
@ GPSN50X-58F	16~21V	2~1.52A	48~58V	0.15~0.125A	-16~-21V	2.1~1.52A	71.2W	+21V/1.52A, +58V/0.125A, -21V/1.52A	>86	<0.3W
@ GPSN50X-73I	18~28V	1.40~1.05A	5~15V	2.40~0.80A	-18~-28V	1.40~1.05A	72W	+28V/1.05A, +15V/0.8A, -28V/1.05A	>86	<0.3W

Note:

- 1.Weight: Approx 430~480gs
 - 2.Optional output connectors (See appendix A)
 - 3.Avg. Eff.(%): Averages the efficiency at 25, 50, 75, and 100 % of max. rated output current.
 - 4.Standard Output cable: UL2464, 1M
- #The voltage is same for second output voltage and third output voltage, but polarity is different.
 @The voltage is same for first output voltage and third output voltage, but polarity is different.