

18 Watt, GST18A Series, Desk Top Series (Single Output)



electronic powersolutions

- Universal AC Input
- Energy Efficiency Level VI
- 3 Pole C14 IEC Inlet (2 pole C8 option)
- Full Approvals UL/CUL/TUV/CE/CB/FCC/PSE
- No Load Power Consumption <0.075W
- Protected For Short Circuit / Over Load / Over Voltage
- High Operating Temp up to 70°C
- Class I Power (with earth pin C14 Inlet)
- 3 Year warranty



Specification

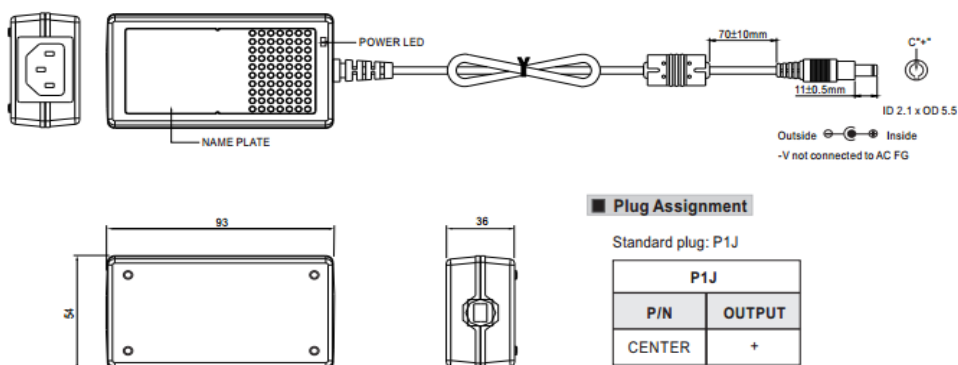
Input Voltage.....	85~264 VAC, 47~63 Hz
Inrush Current.....	70 A typical @ 230 VAC Cold Start
Output Voltage.....	See table below
Line Regulation.....	+/-1%
Load Regulation.....	+/- 2% to +/-5% depending on model
Operating Temperature.....	-30 to 70 °C, (100% load to 50°C, 50% load @ +70 °C)
Storage Temperature.....	-40 °C to 85 °C
Safety Standards.....	UL62368-1, CSA C22.2 No.62368-1, TUV BS EN/EN62368-1, BSMI CNS 14336-1, CCC GB4943.1, PSE J62368-1AS/NZS 60950.1, BIS IS13252, KC K60950-1, EAC TPTC 004 approved
EMC Standards.....	EN55022 Class B, FCC part 15 Class B, EN61000-4-2,3,4,5,6,8,11, EN61000-3-2,3, CNS13438 Class B, GB9254
Output Plug	2.1mm Barrel Connector
Output Cable.....	5-12 Volt models 16AWG 1200 +/-50mm 15-48 Volt models 18AWG 1800 +/-50mm
MTBF.....	500 khrs (MIL-HDBK-217F) @ 25 °C
Dimensions.....	93(L) x 54(W) x 36(H).
Weight.....	209g each

Models and Ratings

Model	Output Voltage	Output Current	Efficiency
GST18A05-P1J	5 V	3 A	81%
GST18A07-P1J	7.5 V	2 A	85%
GST18A09-P1J	9 V	2 A	85%
GST18A12-P1J	12 V	1.5 A	86%
GST18A15-P1J	15 V	1.2 A	87%
GST18A18-P1J	18 V	1 A	88%
GST18A24-P1J	24 V	0.75 A	88%
GST18A28-P1J	28 V	0.64 A	88.5%
GST18A48-P1J	48 V	0.375 A	89%

Note : A 2 Pin figure 8 (C8) AC inlet version is also available – please contact ALL PSU sales for details

Mechanical Details



Specifications are subject to change without notice, E&OE. ALL PSU Terms & Conditions Apply.

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