

⚠ Please read this manual first before using product.



Power Your Idea



SPECIFICATION

**Model :GP-SL350C Series
Passive PFC and 8cm Fan**

Features:

1. ATX12V Version 2.2
2. Dual +12V rails
3. +5Vsb capability 12.5 W(2.5A)
4. Full output power from 0°C to 40°C
5. Full protection features of SCP, OVP, OPP
6. Typically 72% power efficiency by passive PFC design
7. Fan speed control to extend Fan life cycle
8. Fan concerning reduced noise level
9. 100% full load burn-in test
10. Manufactured with high reliability and in strict processes

Series Model Number Definition:

Models	GP-SL350CP	GP-SL350C2	GP-SL350CN
Optional Functions			
Passive PFC	v		
230Vac Input only	v	v	
110/230 Vac Input			v

Specification:

1. AC Input

Parameter	Min.	Nom.	Max.
Vin(115 Vac)	103 Vrms	115 Vrms	132 Vrms
Vin (230 Vac)	207 Vrms	230 Vrms	264 Vrms
Vin Frequency	47 Hz	50 / 60 Hz	63 Hz

2.DC Output Load

DC Output	+5V	+3.3V	+12V1	+12V2	-12V	+5Vsb
Nominal Output Voltage (V)	5	3.3	12	12	-12	5
Min. Current (A)	0.5	0.5	1	1	0	0
Max. Current (A)	12	20	10	13	0.3	2.5
Peak Current (A)			12	15		3
Max. Power (W)	60	66	120	156	3.6	12.5
Combined Max. Power (W)	126		276		3.6	12.5
Total Max. Output Power (W)	350					

3.DC Output Regulation

Output	Tolerance	Min.	Nom.	Max.	Unit
+5V	+/- 5%	+4.75	+5.00	+5.25	Volts
+3.3V	+/- 5%	+3.14	+3.30	+3.47	Volts
+12V1	+/- 5%	+11.40	+12.00	+12.60	Volts
+12V2	+/- 5%	+11.40	+12.00	+12.60	Volts
-12V	+/- 10%	-10.80	-12.00	-13.20	Volts
+5Vsb	+/- 5%	+4.75	+5.00	+5.25	Volts

4.Efficiency

Typically 72% at 230 VAC/50 Hz ,Full load .

5. Hold Up Time

16ms at 230 VAC / 50 Hz ,Full load.

6. Rise Time

0.1 ms to 20 ms

7. Operating Ambient

0 °C to +40 °C at Full Load.

8. Output Protections

SCP, OVP, OPP.

9. Over Voltage Protection

DC Output	Min.	Nom.	Max.	Unit
+5V	5.74	6.3	7.0	Volts
+3.3V	3.76	4.2	4.3	Volts
+12V1 & +12V2	13.4	15.0	15.6	Volts

10. Mean Time between Failures (MTBF)

100,000 hours at 80% load and 25°C, as **calculated** by MIL-HDBK-217.

11. Safety

CE/GOST/TUV

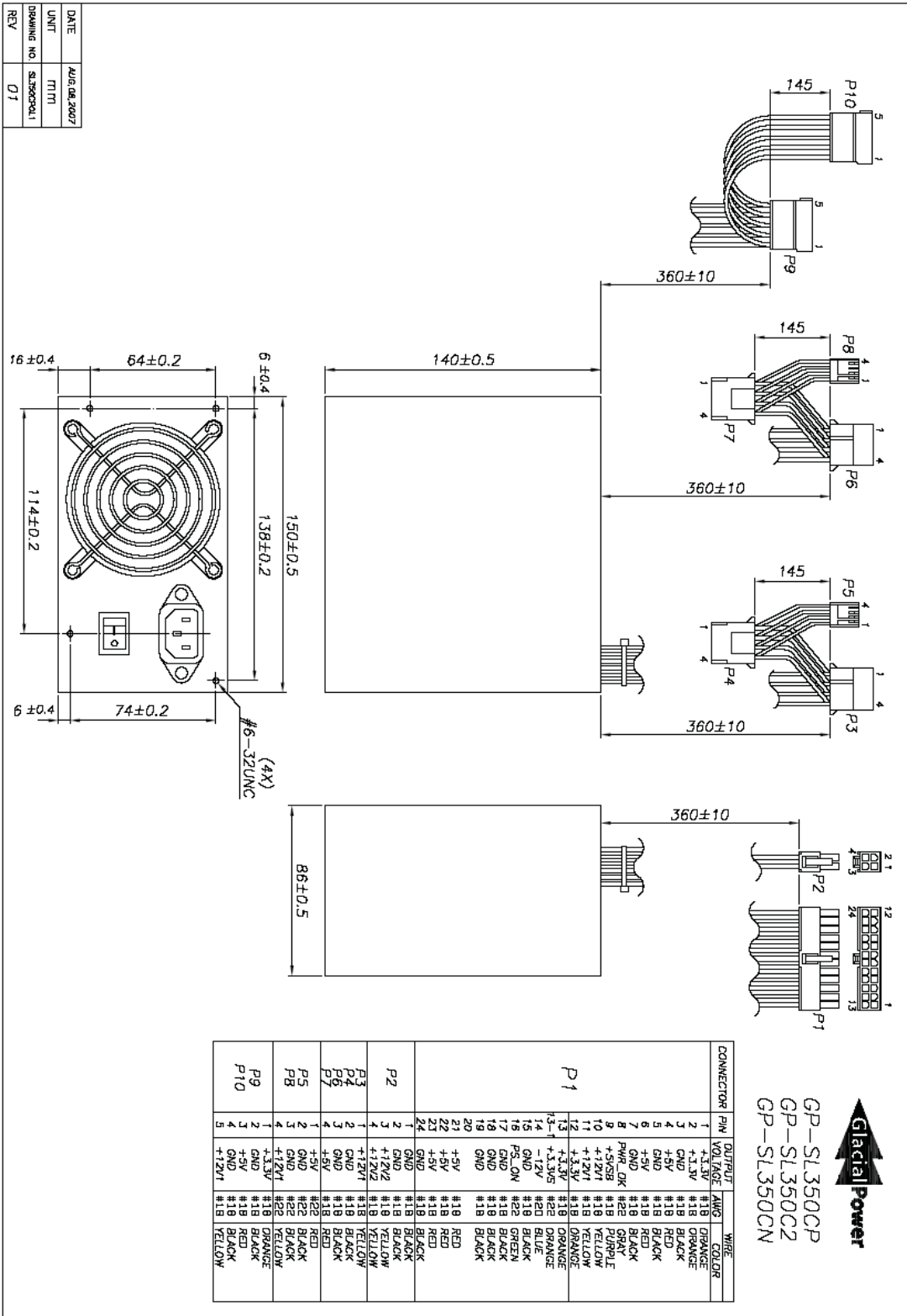
EN*60 950, 3rd Edition

IEC*60 950, 3rd Edition (CB Report to include all national deviations)

EU* Low Voltage Directive (73/23/EEC) (CE Compliance)

14.Mechanical

The supply shall be enclosed and meet th



DATE	AUG.06.2007
UNIT	MM
DRAWING NO	SL350C01
REV	01