

GPC200 SERIES INSTALLATION INSTRUCTIONS

MODEL NUMBERS: GPC200A, GPC200B, GPC200D, GPC200E, GPC200F, and Special Models GPC200-XYZ where X may be the letter B, C or D; Y may be the letter A, B, C, Q, R or S; Z may be the letter A, B, C or D. Models may be followed by suffixes: -C, -XXX and/or G. Suffix -C indicates cover is provided; -XXX indicates value added configurations that have no impact on safety which may be any number from 001 thru 999; and G indicates compliance to RoHS.

RATINGS:

Input: 100-240 V ac, 5.5 A, 50/60 Hz

Output: Maximum continuous output power at 50 °C with external 26 cfm airflow = 200 W

Standard Models:

Model	Output #1 ¹	Output #2 ¹	Output #3	Output #4 ²
GPC200A	+5 V 26 A ³	+12 V 8.0 A	-12 V 1.2 A	12 V 4.0 A
GPC200B	+5 V 26 A ³	+12 V 8.0 A	-5 V 1.2 A	12 V 4.0 A
GPC200D	+5 V 26 A ³	+24 V 5.0 A	-12 V 1.2 A	12 V 4.0 A
GPC200E	+5 V 26 A ³	+24 V 5.0 A	-15 V 1.2 A	15 V 4.0 A
GPC200F	+5 V 26 A ³	+12 V 8.0 A	-12 V 1.2 A	5 V 4.0 A

Special Models: (Place Code Letters for desired outputs from Table below; example = GPC200-BAA)

GPC200- (__) (__) (__)

Output #1 ¹	Output #2 ¹	Output #3	Output #4 ²
+5 V 26 A ³ (For all models)	B = +12 V 8.0 A	A = -5 V 1.2 A Q = -5 V 2.4 A	A = 5 V 4.0 A
	C = +15 V 8.0 A	B = -12 V 1.2 A R = -12 V 2.4 A	B = 12 V 4.0 A
	D = +24 V 5.0 A	C = -15 V 1.2 A S = -15 V 2.4 A	C = 15 V 4.0 A
			D = 24 V 2.0 A

- Notes: 1. The combined loads of Outputs No. 1 and No. 2 must not exceed 32 A.
 2. Isolated output which may be referenced as a positive or negative voltage.
 3. Minimum load = 4 A.
 4. Maximum Operating Relative Humidity 96 %, no condensation.
 5. Storage: -40 to +85 °C. Units should be allowed to warm-up under non-condensing conditions before application of power.

CE SAFETY DECLARATION: SL Power Electronics Corp. declares under our sole responsibility that all models listed above are in conformity with the applicable requirements of EN60950-1 following the provisions of the Low Voltage Directive 73/23/EEC. All models are Certified to be in compliance with the applicable requirements of UL 1950, CSA 22.2 No. 234 (Level 3), and EN60950-1 for Pollution Degree 2 environment and Class I TN-S power systems. The output(s) of these supplies meet the requirements for SELV and are not an energy hazard.

GROUNDING: Protection Class I requires that the chassis and/or TB1-3 be bonded to Protective Earth in the end application. Using TB1-3 for the primary system earthing terminal is not recommended.

Creepage and clearance distances from primary circuits to ground and secondary circuits, as defined in the applicable safety standards, must be maintained after installation to preserve the intended safety.

The maximum operating temperatures of certain safety components, as defined in the applicable safety standards, must not be exceeded after installation to preserve the intended safety. The output power, ambient air temperature and the availability, amount, direction and/or restriction of airflow influence the temperatures of these components.

WARNING! RISK OF FIRE!






A blown fuse is an indication of catastrophic failure of circuit component(s). Repair must be performed by SL Power Electronics Corp. authorized personnel. Refer to fuse marking on the supply for type and rating.

CONNECTIONS

TB1	AC Input	J2	Control Connector	TB2	DC Outputs
1	Line	1	Power Fail	1,2	Output #1 (+)
2	Neutral	2	Output #1 (-) Sense	3,4,5	Common (Return)
3	Ground	3	Output #1 (+) Sense	6	Output #2 (+)
		4	No Connection	7	Output #3 (-)
				8	Output #4 (+)
				9	Output #4 (-)

J2 Mating Connector = Amp 64044x-4 where x = 0 to 4

WARNING: Do not exceed 15 A per terminal on TB2

EXPLANATION OF SYMBOLS	
	Alternating Current
	Direct Current
	Attention, Consult Accompanying Documents
	Attention, Dangerous Voltages
	Earth (Ground)

SL Power Electronics Corp. will not be liable for the safety, reliability or performance of these power supplies if a) any changes, modifications or repairs are carried out by other than authorized agents of SL Power Electronics Corp., or b) the installation of the supply is not in accordance with these installation instructions and the applicable UL, CSA, and/or IEC/EN safety standards.