



CONDOR DC POWER SUPPLIES INC.
2311 STATHAM PKWY
OXNARD, CA 93033 + 805-486-4565

GPC50 SERIES - INSTALLATION INSTRUCTIONS

RATINGS

Input: 100-240 VAC, 1.4 A, 50/60 Hz

Outputs: 50 Watts Maximum Continuous Power - Total of all Outputs.

Model	Output #1	I _{sc}	Output #2	I _{sc}	Output #3	I _{sc}
GPC50A	+5VDC 5A	7.2	+12VDC 2A	4.2	-12VDC 0.5A	1.9
GPC50F	+5VDC 5A	7.2	+12VDC 1.2A	1.9	-12VDC 0.5A	1.9

Notes: I_{sc} = Maximum output short circuit current.
Maximum ambient temperature for continuous output power of 50 Watts is 50°C.
Maximum operating Relative Humidity 96%, no condensation.

CE SAFETY DECLARATION: Condor DC Power Supplies, Inc. declares under our sole responsibility that all models listed above are in conformity with the applicable requirements of EN60950 following the provisions of the Low Voltage Directive 73/23/EEC. All models are Certified to be in compliance with the applicable requirements of IEC/EN/UL 60950-1 1ST Ed. And CSA 22.2 NO 60950-1-03 1ST Ed. (Level 3), 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 ground terminal be bonded to Protective Earth in the end application. Using this terminal 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 Condor authorized personnel. Fuse F1 must be replaced with 2A 250V (fast blow), UL Listed and CSA Certified type.

CONNECTIONS

J1 AC Input	J2,3,4 DC Outputs
1) Neutral	1) Output 3 (-)
2) Line	2) Output 2 (+)
	3) Common
	4) Output 1 (+)

MATING CONNECTORS

J1: housing = Molex 09-50-8031, terminal = Molex 08-50-0189

J2: housing = Molex 22-01-1042, terminal = Molex 08-50-0114

CAUTION: Do not exceed 5 Amps per contact.

Condor DC Power Supplies Inc. 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 Condor DC Power Supplies Inc., or b) the installation of the supply is not in accordance with these installation instructions and the applicable UL, CSA, EN or IEC safety standards.