



DC POWER SUPPLIES INC.
2311 STATHAM PKWY
OXNARD, CA 93033 + 805-486-4565
Internet: www.condorpower.com

GLC65 MULTI-OUTPUT SERIES INSTALLATION INSTRUCTIONS

RATINGS:

Input: 100-240 V ac, 2.0 A, 50/60 Hz

Output:

Model	Output #1			Output #2			Output #3		
	Volts DC	Con-vection	150 LFM	Volts DC	Con-vection	150 LFM	Volts DC	Con-vection	150 LFM
GLC65A	+5	7 A	9 A	12	3 A	5.0 A	-12	2.5 A	4 A
GLC65B	+5	7 A	9 A	15	2.5 A	4.0 A	-15	2.0 A	3 A
GLC65D	+5	7 A	9 A	24	1.5 A	2.5 A	-12	2.5 A	4 A
GLC65E	+5	7 A	9 A	24	1.5 A	2.5 A	12	2.5 A	4 A
GLC65G	+5	5 A	8 A	3.3	4 A	5.0 A	12	2.5 A	4 A
GLC65H	+3.3	5 A	8 A	5	4 A	6.0 A	12	2.5 A	3 A

- Notes:
- Models may or may not be followed by suffix -YYY and/or G, where YYY may be any number from 001 thru 999. The -YYY suffix are used for value added configurations that have no impact on safety and suffix G indicates compliance to RoHS.
 - Maximum 70 W total with a minimum of 150 LFM airflow over unit.
 - Maximum 60 W total convection cooled.
 - Maximum ambient temperature for rated output current is 50 °C.
 - Maximum Operating Relative Humidity 96 %, no condensation
 - Storage: -40 to +85 °C. Units should be allowed to warm-up under non-condensing conditions before application of power.



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 EN 60950-1 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 60950., CSA 60950 (L3M1), EN 60950-1, and IEC 60950-1. They are certified for Pollution Degree 2 environment and Class I TN-S power systems. All DC outputs are SELV under normal and single fault conditions.

TEMPERATURES: The maximum operating temperatures of components used in this supply must not be exceeded after installation. The orientation of the supply, output power, ambient temperature and the availability, amount, direction and/or restriction of natural airflow influences the temperatures of these components. Keeping the temperature of the core of T2 below 110 °C will usually be sufficient to meet all other temperature requirements.

GROUNDING: The ground connection (quick connect tab) must be bonded to ground in the host equipment in order to meet the specified EMC requirements. Using this terminal for safety grounding the host equipment is not recommended. A separate dedicated grounding point should be used.

SPACINGS: The required creepage and clearance distances from primary circuits to ground and secondary circuits must be maintained after installation to preserve the intended safety.

WARNING! RISK OF FIRE! A blown internal fuse is an indication of catastrophic failure of circuit component(s). Refer to fuse marking on the power supply for type and rating. Repair must be performed by Condor authorized personnel.

WARNING! SHOCK HAZARD! Dangerous voltages are present on some components and printed wiring traces.

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

CONNECTIONS

J1 Pin	AC Input
1	Line
3	Neutral

J2 Pin	DC Output
1	V2 Output
2	V1 Output
3	V1 Output
4	Return
5	Return
6	V3 Output

MATING CONNECTORS

J1: Amp Housing 640250-3; Pins 770476-1

J2: Amp Housing 640250-6; Pins 770476-1

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, and IEC/EN safety standards.