

GLG-200 series

200W Single Output Switching Power Supply with PFC Function



- CV + CC mode power supply
- Built-in active PFC function, PF > 0.95
- Universal AC input / Full range
- Protections: Short circuit / Over current / Over voltage / Over Temperature
- Cooling by free air convection
- Built-in potentiometers to adjust output voltage and current
- 3ull.)' , a/sulat) 4(t2 5P65 l)1)l 657



MODEL	GLG-200-12A	GLG-200-24A
RATED VOLTAGE	12V	24V
RATED CURRENT	16A	8.25A
CURRENT RANGE	10 ÷ 18A	5 ÷ 8.5A
RATED POWER	192W	192W
OUTPUT VOLTAGE ADJUSTMENT RANGE – VR U_{out}Adj	9 ÷ 13V	18 ÷ 26V
OUTPUT CURRENT ADJUSTMENT RANGE – VR I_{out}Adj	10 ÷ 18A	5 ÷ 8.25A
LINE REGULATION	± 0.5%	
LOAD REGULATION	± 2%	± 1%
TOLERANCE [3]	± 3%	
RIPPLE & NOISE (max.) [2]	220mV _{P-P}	450mV _{P-P}
SETUP, RISE TIME [4]	1000ms, 80ms / 115VAC; 1000ms, 800ms / 230VAC at full loa	
HOLD UP TIME	60ms / 115VAC, 30ms / 230VAC at full loa	
VOLTAGE RANGE	90 ÷ 2! ! VAC; 12! ÷ 390V" C	
FREQUENCY RANGE	4! ÷ 63#\$	
EFFICIENCY (typ.)	88%	90%
AC CURRENT (typ.)	2.5A/115VAC, 1.25A / 230VAC	
INRUSH CURRENT (typ.)	65A / 230VAC, 32.5A / 115VAC	
LEAKAGE CURRENT (max.)	%0.! 5mA / 240VAC	
OVER CURRENT	&a' ()* 95 ÷ 108% +at) , u++)* t -. /)* Co' sta' t , u++)* t l0m0t0' (, +) , o1)+s automat0, all. aft)+ fault , o' (tlo' (s +) mo1)	
SHORT CIRCUIT	-. /)* 20, , u/ mo) , auto+) , o1)+..	
OVER VOLTAGE	14 ÷ 1! V	25 ÷ 29V
	-. /)* 20, , u/ mo) , auto+) , o1)+..	

OVER TEMPERATURE

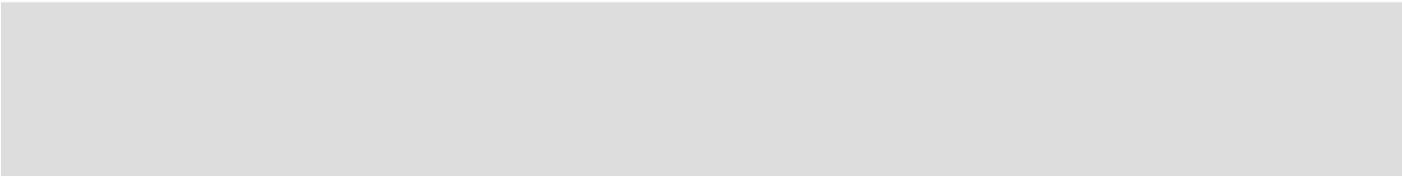
1108C±108C9)t),to' &-02:

-. /)* s2ut o4' out/ut 1olta(). &),o1)+s automat0,all. aft)+ t)m/)+atu+) (o)s o4' .









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