

CCGS30-48-xxD

SPECIFICATIONS

C322-01-01A

ITEMS		MODEL	CCGS30-48-12D		CCGS30-48-15D	
INPUT						
Input Voltage Range (DC)			V	18-76		
Efficiency (Typ.)			(*1) %	88	90	
Input Current (Typ.)			(*1) A	0.71	0.69	
OUTPUT						
Nominal Output Voltage(DC)			V	+/-12	+/-15	
Output Voltage Initial Set Accuracy			(*1) -	11.39 - 12.60	14.24 - 15.75	
Maximum Output Current			A	1.25	1	
Maximum Output Power			W	30	30	
Maximum Line Regulation			(*2) mV	60	75	
Maximum Load Regulation			(*3) Balanced load	mV	120	150
			(*7) Asymmetrical load	mV	480	600
Temperature Coefficient			-	Less than 0.02% / °C		
Maximum Ripple & Noise			0≤Ta≤70°C	mV	130	130
			(*4) -20≤Ta<0°C	mV	180	180
PROTECTIVE FUNCTION						
Over Current Protection			(*5) -	105% minimum		
Over Voltage Protection			-	None		
FUNCTION						
Remote ON/OFF Control			(*4) -	Possible		
Remote Sensing			-	None		
Parallel Operation			-	None		
Series Operation			(*4) -	Possible		
ENVIRONMENT						
Operating Temperature			(*6) -	-20 to +70°C		
Storage Temperature			-	-30 to +85°C		
Operating Humidity			-	20 to 95%RH (Non Condensing)		
Storage Humidity			-	10 to 95%RH (Non Condensing)		
Vibration			-	At no operating, 10 - 55Hz (Sweep for 3min) 19.6m/s ² Constant, X,Y,Z 1hour each.		
Shock			-	Less than 196.1m/s ²		
Cooling			-	Convection Cooling		
ISOLATION						
Withstand Voltage			-	Input - FG : 1.5kVDC (10mA), Input - Output : 1.5kVDC (10mA), Output - FG : 1.0kVDC (10mA) for 1min		
Isolation Resistance			-	More than 100MΩ at 25°C and 70%RH Output - FG : 500VDC		
STANDARD AND COMPLIANCE						
Safety			-	Approved by IEC/EN/UL/CSA 62368-1 (Altitude ≤ 5,000m)		
MECHANICAL						
Weight (Typ.)			g	95		
Size (W x H x D)			mm	52.0 x 23.5 x 93.0		

*Read instruction manual carefully, before using the power supply unit.

=NOTES=

*1. At 48VDC input voltage and maximum output current. (Ambient Temperature = +25°C.)

*2. 18 - 76VDC input voltage, constant load.

*3. No-Load - Full Load, constant input voltage. (Balanced load)

*4. Refer to Instruction Manual.

*5. OCP TYPE : Hiccup, Automatic recovery.

*6. Rating - Refer to Output Derating Curve in Instruction Manual.

*7. One side fixed Full Load, the other side 20% - Full Load, Constant input voltage. (Asymmetrical load)