

**CCGS15-48-xxD**

SPECIFICATIONS

C318-01-01A

ITEMS		MODEL	CCGS15-48-12D	CCGS15-48-15D
<b>INPUT</b>				
Input Voltage Range (DC)		V	18-76	
Efficiency (Typ.)	(*1)	%	87	89
Input Current (Typ.)	(*1)	A	0.37	0.35
<b>OUTPUT</b>				
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	0.65	0.5
Maximum Output Power		W	15.6	15
Maximum Line Regulation	(*2)	mV	60	75
Maximum Load Regulation	(*3)	Balanced load	120	150
	(*7)	Asymmetrical load	480	600
Temperature Coefficient		-	Less than 0.02% / °C	
Maximum Ripple & Noise	(*4)	0≤Ta<70°C	mV	130
		-20≤Ta<0°C	mV	180
<b>PROTECTIVE FUNCTION</b>				
Over Current Protection	(*5)	-	105% minimum	
Over Voltage Protection		-	None	
<b>FUNCTION</b>				
Remote ON/OFF Control	(*4)	-	Possible	
Remote Sensing		-	None	
Parallel Operation		-	None	
Series Operation	(*4)	-	Possible	
<b>ENVIRONMENT</b>				
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 <sup>2</sup> Constant, X,Y,Z 1hour each.	
Shock		-	Less than 196.1m/s <sup>2</sup>	
Cooling		-	Convection Cooling	
<b>ISOLATION</b>				
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	
<b>STANDARD AND COMPLIANCE</b>				
Safety		-	Approved by IEC/EN/UL/CSA 62368-1 (Altitude ≤ 5,000m)	
<b>MECHANICAL</b>				
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)