

CCGS30-24-xxS/BDIN

SPECIFICATIONS

C319-01-01/BDIN

ITEMS		MODEL	CCGS30-24 -03S/BDIN	CCGS30-24 -05S/BDIN	CCGS30-24 -12S/BDIN	CCGS30-24 -15S/BDIN
INPUT						
Input Voltage Range (DC)		V	9-36			
Efficiency (Typ.)		(*1) %	84	87	87	87
Input Current (Typ.)		(*1) A	1.15	1.44	1.44	1.44
OUTPUT						
Nominal Output Voltage(DC)		V	3.3	5	12	15
Output Voltage Initial Set Accuracy		(*1) -	3.29 - 3.41	4.97 - 5.14	11.85 - 12.25	14.83 - 15.33
Output Voltage Adjustment Range(DC)		V	2.97 - 3.63	4.50 - 5.50	10.80 - 13.20	13.50 - 16.50
Maximum Output Current		A	7	6	2.5	2
Maximum Output Power		W	23.1	30	30	30
Maximum Line Regulation		(*2) mV	13.2	20	48	60
Maximum Load Regulation		(*3) mV	80	75	100	120
Temperature Coefficient		-	Less than 0.02% / °C			
Maximum Ripple & Noise	0≤Ta≤70°C	mV	100	100	130	130
	(*4) -20≤Ta<0°C	mV	180	180	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	105			
Size (W x H x D)		mm	52.0 x 31.9 x 93.0			

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

=NOTES=

*1. At 24VDC input voltage and maximum output current. (Ambient Temperature = +25°C.)

*2. 9 - 36VDC input voltage, constant load.

*3. No Load - Full Load, constant input voltage.

*4. Refer to Instruction Manual.

*5. OCP TYPE : Hiccup, Automatic recovery.

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