

SPECIFICATIONS(1/2)

B022-01-01D

ITEMS		MODEL	CME240P-24	
1	Nominal Output Voltage	V	24	
2	Maximum Output Current	A	10	
3	Peak Output Current (*1)	A	20	
4	Maximum Output Power	W	240	
5	Peak Output Power (*1)	W	480	
6	Efficiency (Typ) (*2)	%	80	
7	Input Voltage Range (*3)	-	85 - 265VAC (47-63Hz)	
8	Input Current (100/200VAC)(Typ) (*2)	A	3.2/1.6	
9	Inrush Current(Typ) (*4)	-	14A at 100VAC, 28A at 200VAC, Ta=25°C, Cold Start	
10	PFHC	-	Built to meet EN61000-3-2	
11	Power Factor (100/200VAC)(Typ) (*2)	-	0.99 / 0.95	
12	Output Voltage Range	V	21.6-28.8	
13	Maximum Ripple & Noise (*5)	0<Ta<60°C	mV	240
		-10<Ta<0°C	mV	360
14	Maximum Line Regulation (*5,*6)	mV	96	
15	Maximum Load Regulation (*5,*7)	mV	192	
16	Temperature Coefficient	-	Less than 0.02%/°C	
17	Over Current Protection (*8)	A	20.5 -	
18	Over Voltage Protection (*9)	V	30.0 - 35.0	
19	Hold-up Time (Typ) (*2)	-	20ms	
20	Leakage Current (*10)	-	0.22mA Max. at 265VAC	
21	Remote ON/OFF Control	-	-	
22	Parallel Operation	-	-	
23	Series Operation	-	Possible	
24	Operating Temperature (*11)	-	-10 - +60°C	
			Convection : -10 - +45°C (100%); +60°C (60%)	
25	Operating Humidity	-	30 - 90%RH (No dewdrop)	
26	Storage Temperature	-	-30 - +85°C	
27	Storage Humidity	-	10 - 95%RH (No dewdrop)	
28	Cooling	-	Convection Cooling	
29	Withstand Voltage	-	Input - FG : 2kVAC (20mA), Input - Output : 4kVAC (20mA) Output - FG : 500VAC (100mA) for 1min.	
30	Isolation Resistance	-	More than 100MΩ at 25°C and 70%RH, Output - FG : 500VDC	
31	Vibration	-	At no operating, 10-55Hz (Sweep for 1min.)	
			19.6m/s ² Constant, X,Y,Z 1hour each	
32	Shock (In package)	-	Less than 196.1m/s ²	
33	Safety (*12)	-	Approved by UL60601-1,EN60601-1	
			Built to meet UL60950-1,CSA60950-1,EN60950-1, and DENAN	
34	EMI (*13)	-	Built to meet EN55011/EN55022-B, FCC-ClassB, VCCI-B	
35	IMMUNITY	-	Built to meet EN61000-4-2, -3, -4, -5, -6, -8, -11	
36	Weight(Typ.)	g	800	
37	Size (WxHxD)	mm	105 x 50 x 242 (Refer to Outline Drawing)	

B022-01-02A

	MODEL	CME240P-24
ITEMS		

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

=NOTES=

- *1. Operating period at peak output current is less than 10sec. (Duty \leq 0.35)
 Input voltage < 95V : Duty \leq 0.2
 Input voltage \geq 95V : Duty \leq 0.35
 (Average output power and current is less than Maximum output power and current)
 For peak load derating method, please refer to the instruction manual for details.
- *2. At 100/200VAC, Ta=25°C and maximum output power.
- *3. For cases where conformance to various safety specs (UL,CSA,EN) are required, to be described as 100 - 240VAC, 50/60Hz on name plate.
- *4. Not applicable for the in-rush current to Noise Filter for less than 0.2ms.
- *5. Please refer to Fig. A for measurement of line & load regulation and ripple voltage.
 (Measure with JEITA RC-9131 probe)
- *6. 85 - 265VAC , constant load.
- *7. No load - Full load (maximum power), constant input voltage.
- *8. Constant current limit and hiccup with automatic recovery.
 Avoid to operate at overload or dead short condition for more than 30 seconds.
- *9. OVP circuit will shut down output, manual reset.(Line recycle)
- *10. Measured by the each measuring method of IEC,UL,
 CSA, EN and DENAN(at 63Hz).
- *11. At standard mounting.
 - Load (%) is percent of maximum output power or maximum output current, whichever is greater.
 - For other mountings, refer to derating curve (B022-01-03_).
- *12. As for DENAN, built to meet at 100VAC.
- *13. No load - Full load (maximum power), constant current and input voltage.

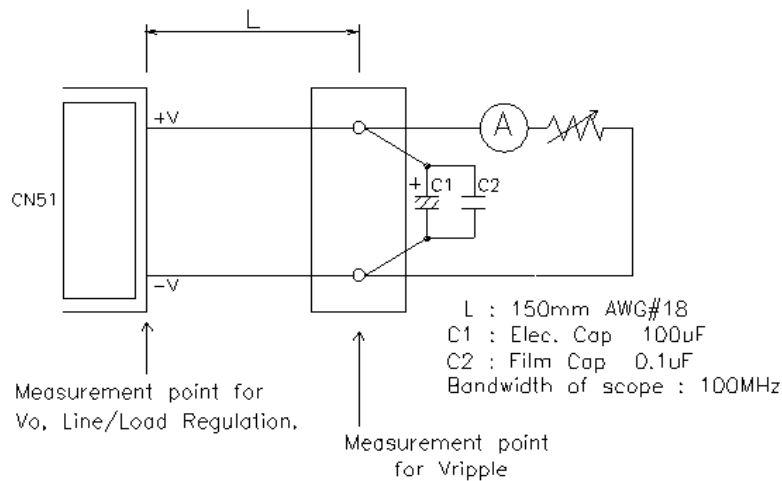


Fig.A

OUTPUT DERATING

B022-01-03

Ta(°C)	LOAD(%)			
	MOUNTING A	MOUNTING B	MOUNTING C,D	MOUNTING E
-10~25	100	100	100	100
30	100	100	100	87.5
35	100	100	90	75
40	100	93.3	80	62.5
45	100	86.7	70	50
50	86.7	80	60	37.5
55	73.3	60	50	25
60	60	40	40	12.5

