CME150 SPECIFICATIONS

B019-01-01D

	ITEMS / MODEL			CME150-24
1	Nominal Output Voltage		V	24
2	Maximum Output Current		A	6.3
3	Peak Output Current	(*1)	A	7.5
4	Maximum Output Power		W	151.2
5	Peak Output Power	(*1)	W	180
6	Efficiency (Typ)	(*2)	%	82
7	Input Voltage Range	(*3)	-	85 - 265VAC (47-63Hz)
8	Input Current (100/200VAC)(Typ)	(*2)	A	2.0/1.0
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	21.6-26.4
13	Maximum Ripple & Noise	0<Ta<60°C	mV	150
	(*5)	-10<Ta<0°C	mV	180
14	Maximum Line Regulation	(*5,*6)	mV	96
15	Maximum Load Regulation	(*5,*7)	mV	150
16	Temperature Coefficient		-	Less than 0.02%/°C
17	Over Current Protection	(*8)	A	7.87 -
18	Over Voltage Protection	(*9)	V	27.6-32.4
19	Hold-up Time (Typ)	(*10)	-	20ms
20	Leakage Current	(*11)	-	0.3mA MAX at 265VAC
21	Remote ON/OFF Control		-	-
22	Parallel Operation		-	-
23	Series Operation		-	Possible
24	Operating Temperature	(*12)	-	-10 - +60°C Convection : -10 - +50°C:100%,+60°C:80%
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 100MW 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	Sh°Ck (In package)		-	Less than 196.1m/s^2
33	Safety	(*13)	-	Approved by UL60601-1,EN60601-1 Built to meet UL60950-1,CSA60950-1,EN60950-1,and DENAN
34	EMI		-	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	500
37	Size (WxHxD)		mm	80 x 40 x 208 (Refer to Outline Drawing)

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

=NOTES=

*1. Operating period at peak output current is less than 10sec.
(Average output power and current is less than Maximum output power and current)

*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).

*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 - Maximum load, constant input voltage.

*8. Constant current limit with automatic recovery.
Not operate at overload or dead short condition for more than 30 second

*9. OVP circuit will shut down output, manual reset.(Line recycle)

*10. At 100/200VAC nominal output voltage and
maximum output current.

*11. Measured by the each measuring method of IEC,UL,
CSA, EN and DENAN(at 63Hz).

*12. At standard mounting.
- Load (%) is percent of maximum output power
or maximum output current, whichever is greater.
- For other mountings, refer to derating curve (B019-01-02_).

*13. As for DENAN, built to meet at 100VAC.

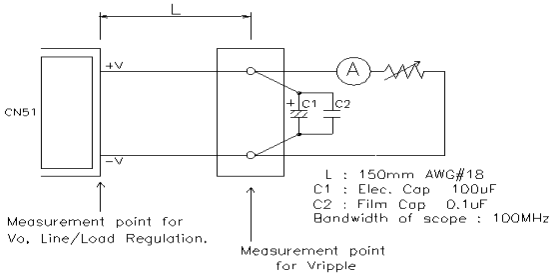


Fig.A

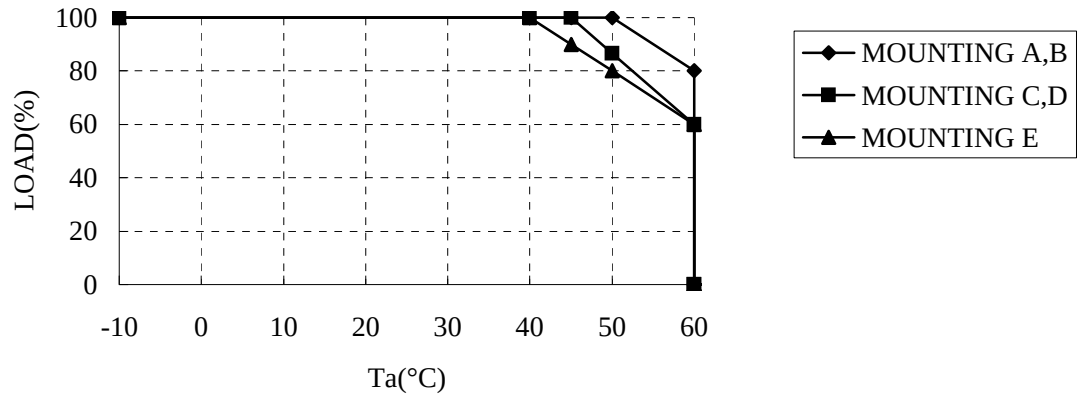
CME150

OUTPUT DERATING

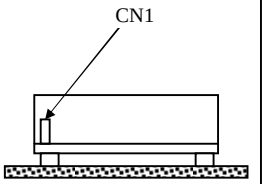
B019-01-02

Ta(°C)	LOAD(%)		
	MOUNTING A,B	MOUNTING C,D	MOUNTING E
-10 ~+25	100	100	100
30	100	100	100
35	100	100	100
40	100	100	100
45	100	100	90
50	100	87	80
55	90	73	70
60	80	60	60

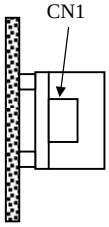
OUTPUT DERATING CURVE



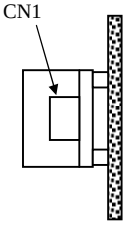
MOUNTING A (STANDARD MOUNTING)



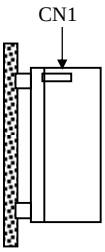
MOUNTING B



MOUNTING C



MOUNTING D



MOUNTING E