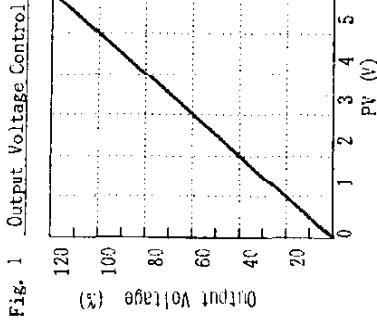


AI10-01-01D

Items	EWS3000T	EWS3000T	EWS3000T	EWS3000T	EWS3000T	EWS3000T	EWS3000T	EWS3000T	EWS3000T	EWS3000T
1 Nominal Output Voltage	V	-3.3	-5	-10	-12	-15	-24	-36	-48	50S3000T
2 Maximum Output Current	A	600	600	300	250	200	125	84	48	
3 Maximum Output Power	W	1200	3000	3000	3000	3000	3000	3024	3024	
4 Efficiency (Typ)	(*)%	65	70	81	81	82	83	83	84	
5 Input Voltage Range	(*)	AC Input Voltage Range Shown on Front Panel 170-250VAC (50/60Hz)								
6 Input Current (Typ)	(*)A	200VAC-6.0A 200VAC-9.0A								
7 Power Factor (Typ)	(*)	0.85								
8 In-rush Current (Typ)	(*)A	0.9								
9 Output Voltage Range (Typ)	(*)V	40A at 200VAC ±20%								
10 Maximum Ripple & Noise	mV	100								
11 Maximum Line Regulation	(*)%	20	20	40	48	60	96	144	192	400
12 Maximum Load Regulation	(*)%	30	30	60	72	90	144	216	288	
13 Over Current Protection	(*)%	105 ~ 130								
14 Over Voltage Protection	(*)V	Vo+0.65-1.32 Vo+1.0-2.0 Vo+2.0-4.0 Vo+2.4-4.1 Vo+3.0-6.0 Vo+4.8-9.6 Vo+7.2-14.4 Vo+9.6-19.2								
15 Hold-Up Time (Typ)	(*)s	20ms								
16 Remote Sensing		Possible								
17 Remote ON/OFF Control		Possible								
18 Parallel Operation		Possible (with current balances)								
19 Series Operation		Possible								
20 Operating Temperature	(*)°C	-10 ~ +60								
21 Operating Humidity		30% ~ 90% RH (no dewdrop)								
22 Storage Temperature		-30 ~ +85								
23 Storage Humidity		10% ~ 95% RH (No dewdrop)								
24 Cooling		Forced air by blower fan (Blower fan is mounted within supply)								
25 Temperature Coefficient		Less than % at -10°C ~ +60°C								
26 Withstand Voltage	(*)V	Input - Chassis...2.5kVAC Input - Output...2.5kVAC 1min. Output - Chassis...500VAC 1min. More than 10MΩ at 25°C and 70% RH Output-Chassis...500VDC Less than 196m/s ² Less than 14.0kg								
27 Isolation Resistance		(340×67×300) Refer to Outline Drawing								
28 Vibration		PF (Open Collector Output)								
29 Shock										
30 Weight										
31 Size (W×H×D)	mm									
32 Monitoring Signal	(*)									

NOTES

- * 1 : At 200VAC & Maximum output power.
- * 2 : For cases where conformance to various safety specs (UL, CSA, etc) are required, input voltage range will be 170 ~ 250VAC.
- * 3 : When resuming operation in less than 5 sec after power failure at no load, softstart circuit will not limit the in-rush current at turn-on.
- * 4 : By means of V_{adj} on front panel. Also by PV controlling output voltage is adjustable from 0V to the maximum output voltage (Rating X120%). Refer to Fig. 1. Ratings : Refer to Fig. 2.
- * 5 : From 170 ~ 265VAC, constant load.
- * 6 : From No load - Full load, constant input voltage.
- * 7 : Constant current limiting with automatic recovery. (The unit automatically shuts down the output when it is left for 5 seconds (TYP) under the state that OCP is operating and the output voltage is less than PF detected level.)
- * 8 : At rated voltage. Inverter shut-down method, manual reset. (OVP circuit will shut-down output)
- * 9 : OVP trip point varies with tracking the output voltage.
- * 10 : At 200VAC, Nominal output voltage & Maximum output current.
- * 11 : Ratings - Refer to Derating Curve on the Fig. 3.
Input - Output greater than 20mA
Output - Chassis greater than 300mA
- * 12 : PF voltage varies with tracking output voltage.
- * 13 : Shuts down output when the voltage of each phase drops to less than AC150V.



*PV setting allowance : At rated input and no load, ±2% of required output voltage or ±1% of nominal output voltage, whichever is greater.

Fig. 2 Derating Curve

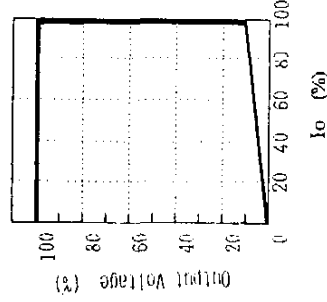


Fig. 3 Derating Curve

