

SPECIFICATIONS

A013-01-01A

Model		PS-11-24	PS-11-36	PS-11-48	
1	Nominal Output Voltage	V	24	36	48
2	Average Output Current	A	5.0	3.4	2.5
3	Peak Output Current (*1)	A	10.0	6.8	5.0
4	Average Output Power	W	120	122.4	120
5	Peak Output Power (*1)	W	240	244.8	240
6	Efficiency (Typ)	(*)%	85	86	87
7	Input Voltage Range (*3)	85-132VAC / 170-265VAC(47-440Hz) or 230-330VDC AC Input Voltage Range Shown on Front Panel 170-250VAC			
8	Input Current (Typ)	(*)-	2.6A at 100VAC / 1.3A at 200VAC		
9	In-rush Current (Max)	(*)-	15A at 100VAC / 30A at 200VAC (260VDC)		
10	Output Voltage Range (Typ)	-	±10%		
11	Maximum Ripple & Noise	mV	480	720	860
12	Maximum Line Regulation (*5)	%	96	144	192
13	Maximum Load Regulation (*6)	%	192	288	384
14	Over Current Protection (*7)	A	10.2 ~ 12.8	6.9 ~ 8.7	5.1 ~ 6.4
15	Over Voltage Protection (*8)	V	27.6 ~ 32.4	41.4 ~ 48.6	55.2 ~ 64.8
16	Hold-up Time	-	-		
17	Remote Sensing	-	-		
18	Remote ON/OFF Control	-	-		
19	Parallel Operation	-	-		
20	Series Operation	-	-		
21	Operating Temperature (*9)	-	0 ~ +60°C		
22	Operating Humidity	-	30% ~ 90% RH		
23	Storage Temperature	-	-30 ~ +85°C		
24	Storage Humidity	-	10% ~ 95% RH		
25	Cooling	-	Convection cooled		
26	Temperature Coefficient	-	Less than 1% at 0 ~ +60°C		
27	Withstand Voltage (*10)	-	Input-Chassis, Input-Output...2.5kVAC 1min Output-Chassis... 500VAC 1min		
28	Isolation Resistance	-	More than 100MΩ at 25°C and 70%RH Output-Chassis...500VDC		
29	Vibration	-	Less than 29.4m/s ²		
30	Shock	-	Less than 294.2m/s ²		
31	Weight	-	1000g		
32	Size (W·H·D)	-	63·97·200	Refer to Outline Drawing	

NOTES

- * 1 : Operating time at peak output is less than 5 sec.
- * 2 : At 100VAC / 200VAC & Average output power.
- * 3 : For cases where conformance to various safety specs (UL,CSA,etc) are required, input voltage range will be 170-250VAC.
- * 4 : 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.
- * 5 : From 85-132VAC or 170-265VAC, constant load.
- * 6 : From No load ~ Full load, constant input voltage.
- * 7 : Constant current limiting with automatic recovery.
- * 8 : Inverter shut-down method, manual reset.
- * 9 : Ratings : Percent of Average output current or Average output power, whichever is greater. 0 ~ +50°C...100% , 60°C...70%
- *10 : Leakage current range used : Input-Chassis, Input-Output greater than 20mA
Output-Chassis greater than 100mA