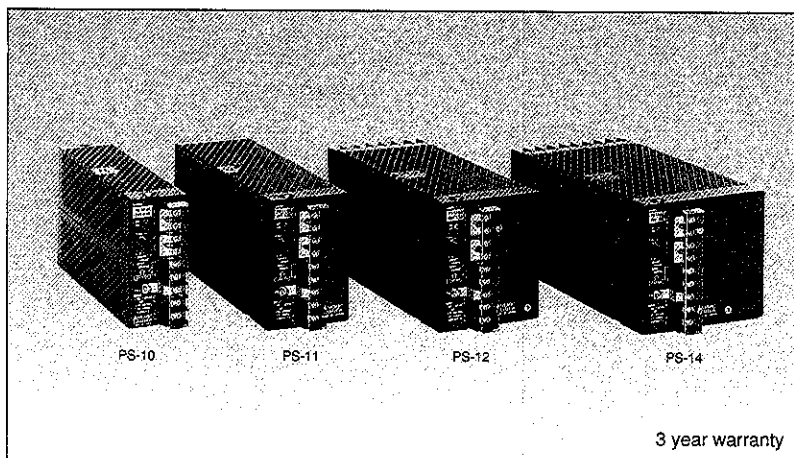


Single output 72W ~ 240W

LAMBDA 
DENSEI-LAMBDA

Unit Type Power Supply



■ Model name
PS-10-24

Name of series	Shape of chassis	Nominal output voltage
10: 72W	11: 120W	12: 180W
		14: 240W

■ Features

- Applicable to peak current load
- Output peak current: Up to 2 times nominal current
ex. PS-10-24: 24V3A (Peak: 6A)
PS-14-24: 24V10A (Peak: 20A)
- Input voltage range: 85 ~ 132VAC/170 ~ 265VAC
- 3 year warranty

■ Specifications

1. Input voltage range	85 ~ 132VAC / 170 ~ 265VAC (47 ~ 440Hz) • 230 ~ 330VDC user-selectable
2. Output voltage range	±10%
3. Line regulation	24V output: 96mV, 36V output: 144mV, 48V output: 192mV
4. Load regulation	24V output: 192mV, 36V output: 288mV, 48V output: 384mV
5. Maximum ripple & noise	24V output: 480mV, 36V output: 720mV, 48V output: 960mV
6. Cooling	Convection cooling
7. Operating ambient temperature (Standard mounting)	0 ~ +60°C Output derating: 100% at 0 ~ +50°C, 70% at +60°C
8. Withstand voltage	Input-output: 2.5kVAC, Input-chassis: 2.5kVAC, Output-chassis: 500VAC for 1 min.
9. Safety standard	Approved by UL1950-D3 
10. Functions	Over voltage protection, Over current protection

■ Product lineup

Product lineup		Note 1						
Model name		Nominal output voltage	Average output current	Max. output current	Average output power	Max. output power	UL	CSA
PS-10	PS-10-24	24V	3.0A	6.0A	72W	144W	○	△
	PS-10-36	36V	2.0A	4.0A	72W	144W	○	△
	PS-10-48	48V	1.5A	3.0A	72W	144W	○	△
PS-11	PS-11-24	24V	5.0A	10.0A	120W	240W	○	△
	PS-11-36	36V	3.4A	6.8A	122.4W	244.8W	○	△
	PS-11-48	48V	2.5A	5.0A	120W	240W	○	△
PS-12	PS-12-24	24V	7.5A	15A	180W	360W	○	△
	PS-12-36	36V	5A	10A	180W	360W	○	△
	PS-12-48	48V	3.8A	7.5A	182.4W	360W	○	△
PS-14	PS-14-24	24V	10A	20A	240W	480W	○	△
	PS-14-36	36V	6.7A	13.4A	241.2W	482.4W	○	△
	PS-14-48	48V	5A	10A	240W	480W	○	△

Note 1: Duration at peak current: 5 seconds max.

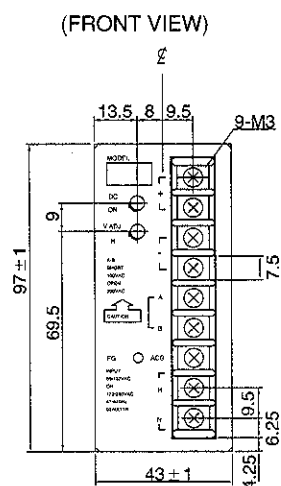
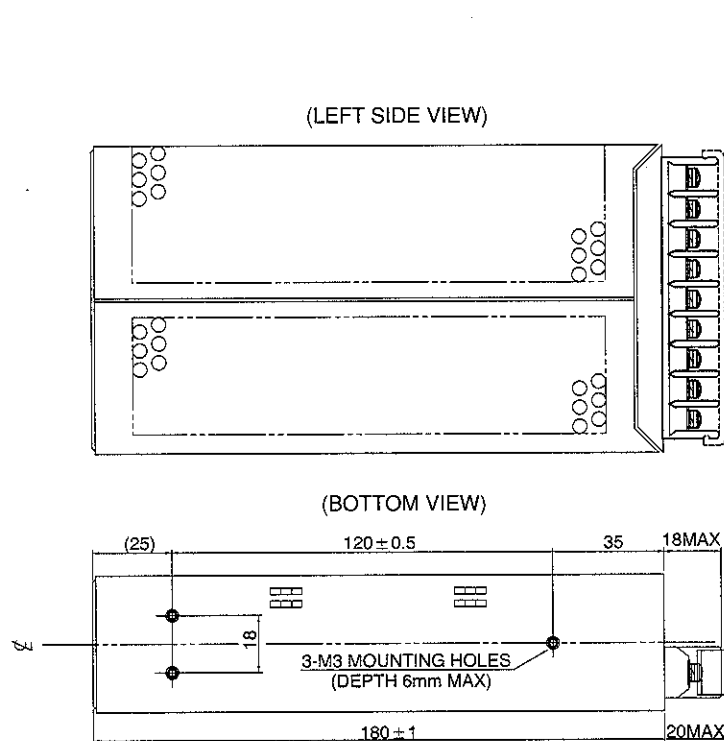
- Request customer specification for further details of specifications, outline, characteristics, etc. Read the instruction manual before usage.
- Contact us about delivery before ordering.

○ : Safety standard approved
△ : Conforms to safety standard

PS-SERIES

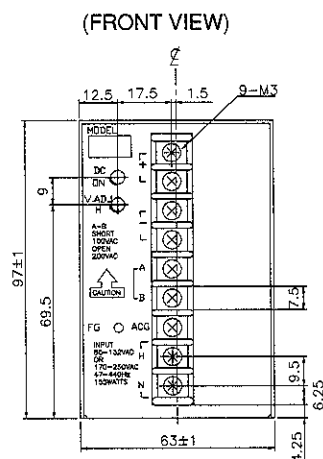
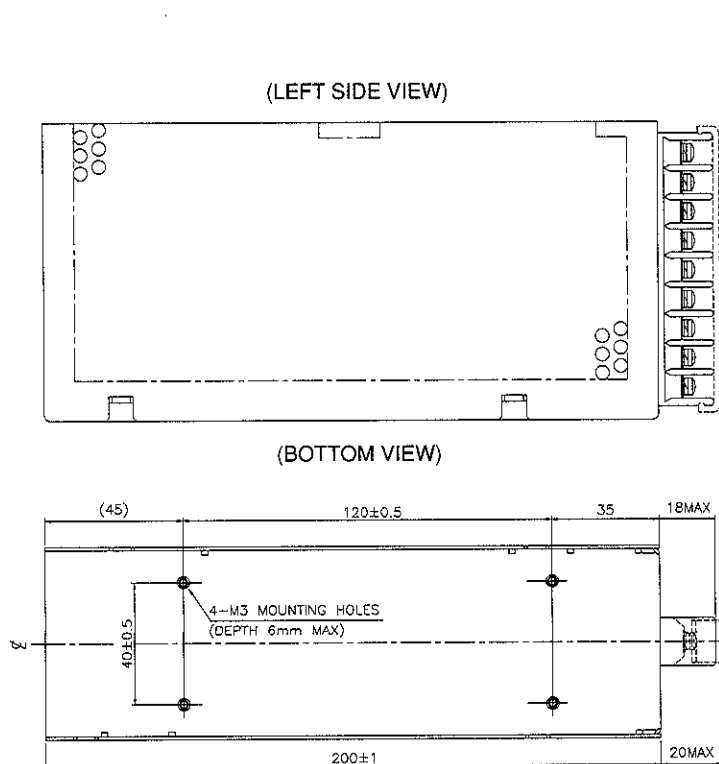
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■ PS-10



(Unit: mm)

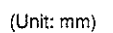
■ PS-11



(Unit: mm)

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■ PS-12



(Unit: mm)