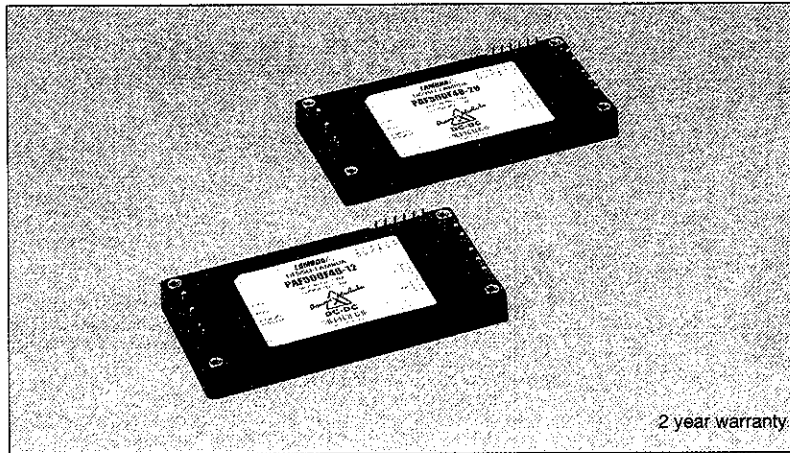




■ Model name

PAF 500 F 48-12

Series Name	Function F: Full function	Standard output voltage
Output Wattage	Standard input voltage	

■ Features

- Full-brick type DC-DC Power Module suitable for information and telecommunication equipment
- Intensive control circuit, Zero Voltage Switching (ZVS)
- High efficiency of 90%, low noise, high power density, good cost performance
- Maximum output power density: up to 5.53W/cm³
- Wide input voltage range: DC36-76V
- Wide operation temperature range:
 - 1) Base plate temperature range: -40°C ~ +100°C
 - 2) Conduction cooling system available for adjusting radiating method conforming to the shape of the devices

■ Specifications

1. Input voltage range	36 ~ 76VDC
2. Output voltage range	3.3V&5V type : -40 ~ +20%, 12V&28V type : -40 ~ +10%
3. Parallel operation	Possible
4. Line regulation	3.3V&5V type : 10mV, 12V type : 24mV, 28V type : 56mV within nominal input voltage range at constant load
5. Load regulation	3.3V&5V type : 10mV, 12V type : 24mV, 28V type : 56mV no load to full load at constant input voltage
6. Cooling	Conduction cooling
7. Operating ambient temperature	-40°C ~ +100°C (Baseplate) Ambient temperature min=-40°C Output Derating : -40 ~ +100°C (Baseplate) 100%
8. Withstand voltage	Input-output : 1.5kVAC (20mA), Input-chassis : 1.5kVAC (20mA), Output-chassis : 500VAC (100mA) for 1 min
9. Safety standard	Conforms to UL1950, CSA950, EN60950
10. CE marking	Conforms to low voltage directive
11. Functions	Over voltage protection, Over current protection, Remote on/off control

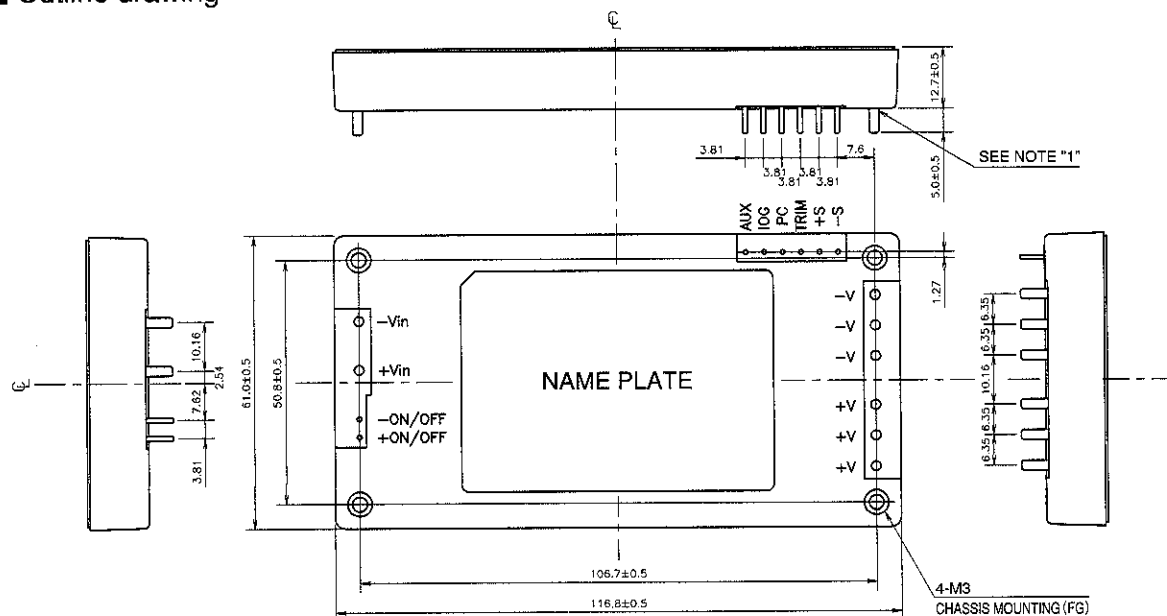
■ Product lineup

Model name		Output voltage	Output current	Output power	UL	CSA	EN
PAF500F48 (input 48VDC)	PAF500F48-3.3	3.3V	80A	264W	Δ	Δ	Δ
	PAF500F48-5	5V	80A	400W	Δ	Δ	Δ
	PAF500F48-12	12V	42A	504W	Δ	Δ	Δ
	PAF500F48-28	28V	18A	504W	Δ	Δ	Δ

- 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
 Δ : Will be applied soon

■ Outline drawing



Note 1: Input & output terminal.....8-φ2
 single terminal.....8-φ1

(Unit: mm)