

Air-Cooling & Water-Cooling Power Supply for Laser Devices Made in Japan



NEW GPSA-5000 Series Large Capacity Single Output Power Supply

Large Capacity 5000W Power Supply Best for Laser Devices

+48V output type

Continuous max: **4800W**
Peak power: **6000W**

+96V output type

Continuous max: **5000W**
Peak power: **6000W**



(Image)

GPSA-5000 can control constant current with an optional unit.

Constant current unit



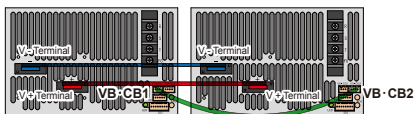
(Image)

Large capacity 5000W power supply has been added to our standard lineup! Price and lead-time of this "standard" model overwhelm our competitors. We assure that high-performance and high-reliability of many customized power supplies we have involved and provided to our customers.

Major Characteristics

Parallel operation available

Only set up of the master power supply is required for controlling voltage.



12VSB power supply embedded

Standby power supply is embedded: 12V/0.5A 6W

Adjustable of output voltage volume available

Output voltage control signal available

Able to adjust output voltage (20-96V) by inputting voltage(1-5V).

1V input→20V output, 5V input→96V output (96V type)

Remote sensing signal available

Correct voltage drop on the output cable of output voltage control signal

Applicable to various signals

- PS_ON signal
- PWR_OK signal
- Blackout detection signal
- FAN_MONITOR signal

Product Specification

Input voltage	Three-phase 170-240VAC*	
Model name	GPSA-5000-96P	GPSA-5000-48P
Output voltage	96V	48V
Adjustable voltage range	20-96V	20-55V
Max. current	52A	100A
Max. power	4992W max.	4800W max.
Peak current	62.5A	125A
Peak power	6000W max.	6000W max.
Dimension	198(W)×125(H)×315(D)	

*Derating required at 180VAC or lower.

GPSA-1500 is also lined up.



At 240VAC input, efficiency 93% max. is achieved.

Applicable to various signals

12VSB power supply embedded

Continuous max : **1600W** Peak power : **2100W**

Input voltage	85-240VAC	*Derating required at 85VAC or lower.
Model name	GPSA-1500-24P	GPSA-1500-48P
Output voltage	24V	48V
Max. current	44A (63A)	23A (34A)
Max. power	1056W (1512W)	1104W (1632W)
Peak current	55A (85A)	27.5A (44A)
Peak power	1320W (2040W)	1320W (2112W)
Dimension	82(W)×128(H)×235(D)	

* () is corresponding to 200VAC input only.

Customized Water-Cooling Power Supply for Laser Devices



(Image)

Product Specification

Input voltage	100-240VAC	CH1≤1kW
	200-400VAC	CH1>1kW
Output voltage	CH1	CH2
	26V*	24V
Max. current	91.3A	1A
Max. power	2400W max.	
Dimension	152(W)×47.5(H)×421(D)	

*Adjustable from 24V to 28V.



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