

Large Capacity 5000W Power Supply Best for Laser and Battery Charger

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.

+96V output type

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

+48V output type*

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

*48V type is under development



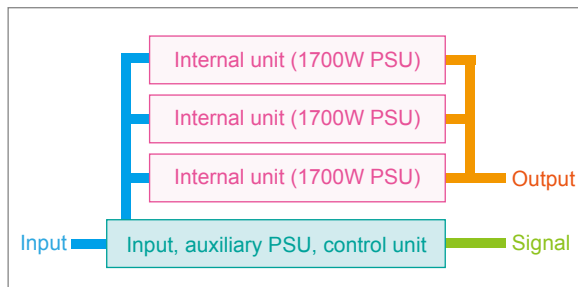
(Image)

High-Efficiency

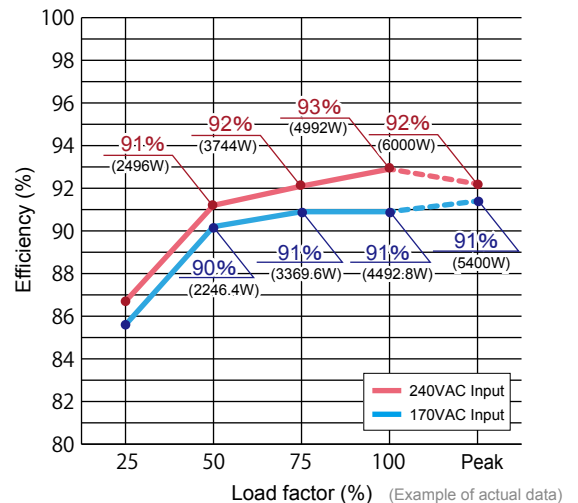
Outstanding efficiency as large power supply, 93% max., is achieved by unitizing internal parts.

(96V type: GPSA-5000-96P)

High-Efficiency by Unitizing Internal Parts



96V type (at supplying 96V)



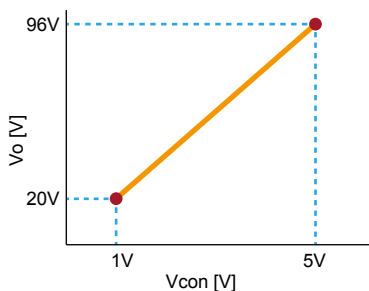
Output Voltage Control Signal Available

Able to adjust output voltage (Vo) by inputting voltage (Vcon), 1-5V.

Adjustable voltage range

96V type	20~96V
48V type	20~55V

Vcon-Vo description (96V type)



Constant Current Available (optional)

GPSA-5000 series can control constant current with an external circuit board.

*Please contact us about the details of the external circuit board.

Usage examples of constant current power supply

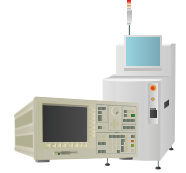
Charging batteries



Electrolysis



Test and evaluation



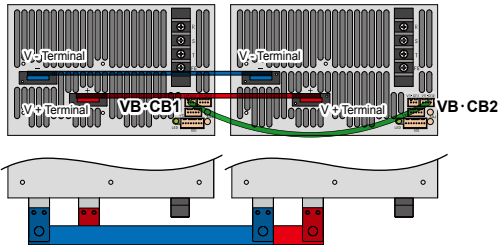
Other Characteristics

12VSB Power Supply Embedded

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

Parallel operation available

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



(Image)

Adjustable of output voltage volume available

Remote sensing signal available

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

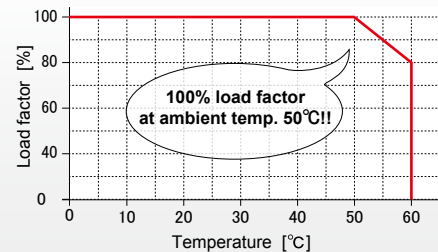
Compatible to various signals

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

100% Load Factor even at Ambient Temp. 50°C

Supplying power stably possible under high-temperature environment.

Ambient temperature and output derating



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
Min. current	0A	0A
Peak current	6000W max.	6000W max.

* Derating required at 180V or lower ** 48V tipe is under development

Outline Drawing

