

High voltage Flexible range Regulated DC Power Supplies

PSF-400H (800V/3A/400W)

PSF-800H (800V/6A/800W)

- Main Applications
High-voltage capacitors or relays used for hybrid cars, electric cars, solar power system and high-voltage LED lighting equipment.
- 6 times of flexible output range
PSF-800H covers output for several units of conventional type regulated power supplies within 800W (max voltage 800V, max current 6A.).
- Constant Power Control
CP mode is available in addition to CV and CC modes.
- Changeable setting style
Vertical or horizontal setting by 90°rotating panel.
- Sequence Operation
Stand-alone sequence is available with the insidememory programmed by PC, through the optional control board (IF-60GP, IF-60RU).
- Master-slave parallel operation
Possible to increase the output current by master-slave parallel connection of the same model (up to 2 units).
- Various functions are available
Output OFF timer, 3-point preset memory, Remote sensing, External analog control, OVP/OCP/OHP protections

PSF-H Series

90° Rotating Panel



GP-IB OPTION RS-232C OPTION USB OPTION

Options

IF-60GP	GP-IB control board
IF-60RU	RS-232C/USB control board
HK-10	Handle kit
OP-22P	Parallel connection cable

Specifications

Model	Rating Power	Output (Voltage, Current)	Ripple		Line regulation		Load regulation		Dimensions W×H×D(mm)	Max. dimensions W×H×D(mm)	Power consumption W/VA(approx.)	Weight kg (approx.)
			CV mVrms	CC mArms	CV mV	CC mA	CV mV	CC mA				
PSF-400H	400W	0V-800V, 0A-3A	20	15	100	11.5	110	16.5	210×124×290	229×143×304	560VA	5
PSF-800H	800W	0V-800V, 0A-6A	25	20	100	13	110	18	210×124×290	229×143×304	1120VA	6

Options

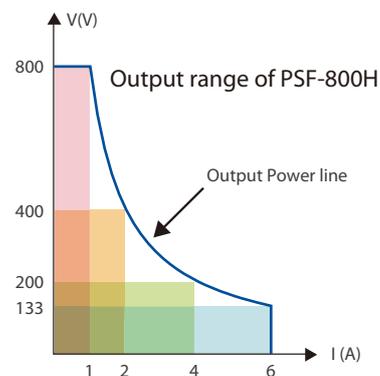
IF-60GP	GP-IB control board
IF-60RU	RS-232C/USB control board
OP-22P	Parallel connection cable
JK-10	Joint kit
HK-10	Handle kit



GP-IB control board
IF-60GP



RS-232C/USB control board
IF-60RU



PSF series combination lineup list

	Model name	Specifications			Necessary items								
		V	A	W	PSF-400L	PSF-800L	PSF-800LS	PSF-400H	PSF-800H	OP-21A/B	OP-22P	OP-22S	JK-10
Single use	PSF-400L	80	40	400	1								
	PSF-800L	80	80	800		1							
	PSF-400H	800	3	400				1					
	PSF-800H	800	6	800					1				
Parallel operation	PSF-1200L	80	120	1200	1		1			1			
	PSF-1600L	80	160	1600		1	1			1			
	(2000W)	80	200	2000	1		2				2		2
	(2400W)	80	240	2400		1	2				2		2
	(2800W)	80	280	2800	1		3				3		3
	(3200W)	80	320	3200		1	3				3		3
	(800W)	800	6	800				2			1		1
Series operation	(1600W)	800	12	1600					2		1		1
	(800W)	160	40	800	2							1	1
	(1600W)	160	80	1600		2					1	1	

* Parallel connection kit, OP-21A (for horizontal installation) / OP-21B (for vertical installation) includes a Bus bar, OP-22P and JK-10.
* PSF-H series can not connect a Bus bar because the output terminals are different from PSF-L series output terminals in shape.