

PSP Series

200 WATT PROGRAMABLE SWITCHING

FEATURES

- LCD display
- Output on/off control
- 3-step fan speed control
- Voltage/current/power settings
- Key lock to avoid operation error
- OVP, OCP & OPP protection
- Normal, +% & -% output operation key
- High efficiency and high power density
- Standard interface: RS-232C



SPECIFICATIONS

LINE VOLTAGE REGULATION

Line regulation $\leq .05\%$

Load regulation $\leq 10\text{mV}$

Ripple & noise $\leq 20\text{mVrms}$

CONSTANT REGULATION

Line regulation $\leq .05\%$

Load regulation $\leq 5\text{mV}$

Ripple current $\leq 10\text{mA}$

RESOLUTION

Voltage
20mV (SPS-2010)
10mV (SPS-405)
10mV (SPS-603)

Current
5mA (SPS-2010)
2mA (SPS-405)
2mA (SPS-603)

PROGRAM ACCURACY

Voltage
 $\pm 0.05\% \text{ rdg} \pm 3\text{digits}$ (SPS-2010)
 $\pm 0.05\% \text{ rdg} \pm 3\text{digits}$ (SPS-405)
 $\pm 0.05\% \text{ rdg} \pm 3\text{digits}$ (SPS-603)

Current
 $\pm 0.3\% \text{ rdg} + 10\text{digits}$ (SPS-2010)
 $\pm 0.1\% \text{ rdg} + 5\text{digits}$ (SPS-405)
 $\pm 0.1\% \text{ rdg} + 5\text{digits}$ (SPS-603)

READBACK (METER) RESOLUTION

Voltage
20mV (SPS-2010)
10mV (SPS-405)
10mV (SPS-603)

Current
5mA (SPS-2010)
2mA (SPS-405)
2mA (SPS-603)

PROTECTION

Over voltage protection
Over current protection
Over power protection
Over temperature protection

OUTPUT ON/OFF CONTROL

Yes

DISPLAY

LCD

INTERFACE

RS-323C (Standard)

CE mark

Yes

Safety

IEC/EN 61010-1

POWER SOURCE

Input voltage AC 230V $\pm 15\%$, AC 115V $\pm 15\%$, 50/60Hz

DIEMENSIONS & WEIGHT

225(W) x 100(H) x 305(D)mm
Approx. 4kg

SELECTION TABLE

MODEL NUMBER	OUTPUT VOLTAGE	OUTPUT CURRENT	OUTPUT POWER
PSP-2010	0-20V	0-10A	200W
PSP-405	0-40V	0-5A	200W
PSP-603	0-60V	0-3.5A	200W