



DPS 1000 Series

Dual DC Power Supply



► Specifications

Performance

- Constant Voltage
 - Line regulation $\leq 0.01\% + 3\text{mV}$
 - Load regulation $\leq 0.01\% + 3\text{mV}$
 - Ripple & noise $\leq 1\text{mV r.m.s.}$
 - Recovery time $\leq 100\mu\text{s}$
- Constant Current
 - Line regulation $\leq 0.2\% + 3\text{mV}$
 - Load regulation $\leq 0.2\% + 3\text{mV}$
 - Ripple & noise $\leq 3\text{mV r.m.s.}$
- Tracking Operation
 - Tracking error $\leq 0.3\% + 5\text{mV}$ @ maximum rating
 - Load regulation @ Series mode $\leq 300\text{mV}$
 - Load regulation @ Parallel mode $\leq 0.01\% + 5\text{mV}$
- Protection
 - Current limits For outputs overrate or outputs shortage
 - Reverse diode For reverse polarity applied
- Analog Meter
 - Voltmeter Two voltmeters in class 2.5
 - Ammeter Two ammeters in class 2.5
- Digital Meter

Each one can be selected to monitor output voltage and output current.

 - Display 3 digits
 - Accuracy Voltage $\pm(0.25\%$ of rdg+3 counts)
 - Current $\pm(0.5\%$ of rdg+2 counts)

- Insulation
 - Case & output terminals $\geq 20\text{M}\Omega$ @ DC500V
 - Case & receptacle $\geq 300\text{M}\Omega$ @ DC500V
- Cooling Line Source
 - For 1306/1603 series Forced DC fan cooling
- Power Consumption
 - 1303 Approx. 350EA
 - 1306 & 1603 Approx. 700EA
- Ambient
 - Humidity $\leq 70\%$ relative
 - Operation temp. 0°C to $+40^\circ\text{C}$
 - Storage temp. -10°C to $+70^\circ\text{C}$
- Power Requirements
 - A.C. 110V, $220\pm 10\%$
50/60Hz
- Accessories
 - Test lead x 1 set
 - Operation manual x 1
 - Line fuse x 1

► DPS Series

Dual Output

Model	Output Voltage	Out Current	N.W(kg)
DPS-1303A	0~ ±30V	3A	11.6kg
DPS-1306A	0~ ±30V	6A	13.6kg
DPS-1603A	0~ ±60V	3A	13.6kg
DPS-1303D	0~ ±30V	3A	12kg
DPS-1306D	0~ ±30V	6A	14kg
DPS-1603D	0~ ±60V	3A	14kg

Dual Output With Six Pre-set Voltage(3,5,6,9,12,24V)

Model	Output Voltage	Out Current	N.W(kg)
DPS-1303AP	0~ ±30V	3A	11.8kg
DPS-1306AP	0~ ±30V	6A	13.8kg
DPS-1603AP	0~ ±60V	3A	13.8kg
DPS-1303DP	0~ ±30V	3A	12kg
DPS-1306DP	0~ ±30V	6A	14kg
DPS-1603DP	0~ ±60V	3A	14kg

Triple Output With One 5V/3A Fixed Output

Model	Output Voltage	Out Current	N.W(kg)
DPS-1303AF	0~ ±30V	3A	13kg
DPS-1306AF	0~ ±30V	6A	15kg
DPS-1603AF	0~ ±60V	3A	15kg
DPS-1303DF	0~ ±30V	3A	13.2kg
DPS-1306DF	0~ ±30V	6A	15.2kg
DPS-1603DF	0~ ±60V	3A	15.2kg

Dimension(HxWxL) : 133 x 300 x 345(m/m)