



## 3000 SERIES SYSTEM POWER SUPPLY



- 2 Built-In Analog / Digital Display
- Constant Voltage / Current
- Series / Parallel Available
- Short Circuit / External Input Protection
- Compact Size
- Master / Slave Selectable
- Remote Sensing Available
- Output ON / OFF Controllable
- Output Voltage Controllable By External Variable Voltage or Resistance
- Output Current Controllable By External Variable Voltage or Resistance
- Voltage / Current Readback Available
- Patent : 048495

### Specification

	3000 Series	3000 Series (Remote Series)
<b>CONSTANT VOLTAGE</b> Load Regulation Line Regulation Ripple & Noise (≤ 100W) Ripple & Noise (≥ 100W)	± 0.01% + 2mV ± 0.01% + 2mV ≤ 0.5mVrms ≤ 1mVrms	± 0.01% + 2mV ± 0.01% + 2mV ≤ 1mVrms ≤ 2mVrms
<b>CONSTANT CURRENT</b> Load Regulation (≤ 100W) Load Regulation (≥ 100W) Line Regulation Ripple & Noise (≤ 100W) Ripple & Noise (≥ 100W)	≤ 10mA ≤ 15mA ± 0.01% + 2mA ≤ 2mArms ≤ 3mArms	≤ 10mA ≤ 15mA ± 0.01% + 2mA ≤ 2mArms ≤ 3mArms
<b>DISPLAY ACCURACY</b> Analog Display (A) Digital Display (D)	Full Scale 3% ≤ 0.1% + 2d	
<b>PROGRAMMING SPEED</b> Rise Time (No Load) (Load) Fall Time (No Load) (Load)	≤ 100mS ≤ 200mS (< 6A), ≤ 500mS (< 10A), ≤ 1S (≥ 10A) ≤ 2.5 S ≤ 250mS	
<b>OUTPUT IMPEDANCE</b>	< 2mΩ + 2uH	
<b>RECOVERY TIME</b>	≤ 100uS to Within 0.1% of Set Voltage (50% TO 100% Load Change)	
<b>FUNCTIONS</b> Series Connection Parallel Connection Master-Slave	Different Models Can Be Connected In Series (≤ 240V) Same Model Can Be Connected In Parallel (≤ 24A) N / A	Different Models Can Be Connected In Series (≤ 240V) Same Model Can Be Connected In Parallel (≤ 24A) YES
<b>REMOTE CONTROL</b> Voltage Programmable By External DC Voltage By External Resistance Current Programmable By External DC Voltage By External Resistance	N / A	0 to 10V Control 0 to Voltage-Setting 0 to 10kΩ Control 0 to Voltage-Setting  0 to 10V Control 0 to Current-Setting 0 to 10kΩ Control 0 to Current-Setting
<b>VOLTAGE / CURRENT READBACK AVAILABLE</b> Voltage / Current Readback Voltage: Voltage Readback Current Readback	N / A	0 to 10V Proportional to Output Voltage 0 to 0.3V Proportional to Output Current
<b>OUTPUT ON / OFF CONTROL</b>	N / A	YES
<b>REMOTE SENSING</b>	N / A	Compensate Voltage Drop Up to 2VDC
<b>POWER SOURCE</b>	ACV 100V / 120V / 220V / 240V, ±10%, 60Hz / 50Hz (* ACV 230V, 50Hz)	
<b>ACCESSORIES</b>	ACS-002 X1, (ACS-016 X 1 for CE / GS Models) . Operation Manual X1	

### Ordering Information :

3 3 0 3 D R S



Dimension s size : 120 (W) × 160 (H) × 295 (D)  
Dimension L size : 230 (W) × 160 (H) × 366 (D)

\* Models with CE / GS Marks

Model No.	Dimension	Model Type						
3203	S	A	D	AR	DR	AS*	DS*	
3302	S	A	D	AR	DR	AS*	DS*	
3303	S	A	D	AR	DR	AS*	DS*	
3601	S	A	D	AR	DR	AS*	DS*	
3306	L	/	D	/	DR	/	/	
3603	L	/	D	/	DR	/	/	
33010	L	/	D	/	DR	/	/	

Net Weight : (3203, 3302, 3303, 3601) ≈ 5.5 kg

Net Weight : (3306, 3603) ≈ 9.5kg

Net Weight : (33010) ≈ 14.0kg



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