



## 6000 SERIES SYSTEM POWER SUPPLY



- 4 Built-In Analog / Digital Display
- Constant Voltage / Current
- Series / Parallel Available With Other Sets
- Short Circuit / External Input Protection
- Auto Series / Parallel Selectable
- Additional 5V / 5A Fixed Output
- Master / Slave Selectable
- Output Voltage Controllable By External Variable Voltage or Resistance
- Output Current Controllable By External Variable Voltage or Resistance
- Voltage / Current Readback Available
- Patent : 047730

### Specification

	6000 Series	6000 Series( Remote Series )
<b>CONSTANT VOLTAGE</b> Load Regulation Line Regulation Ripple & Noise ( ≤ 200W ) Ripple & Noise( ≥ 200W )	± 0.01% + 2mV ± 0.01% + 2mV ≤ 0.5mVrms ≤ 1mVrms	± 0.01% + 2mV ± 0.01% + 2mV ≤ 1mVrms ≤ 1mVrms
<b>CONSTANT CURRENT</b> Load Regulation( ≤ 200W ) Load Regulation( ≥ 200W ) Line Regulation Ripple & Noise( ≤ 200W ) Ripple & Noise( ≥ 200W )	≤ 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>TRACKING OPERATION</b> Tracking Error Series Regulation	± 0.2% + 10mV ≤ 0.3% + 10mV	
<b>5V FIX OUTPUT</b> Load Regulation Line Regulation Ripple & Noise Voltage Accuracy Output Current	≤ 10mV ≤ 5mV ≤ 2mVrms 5V ± 0.25V 5A	
<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>OPERATION MODE</b> Independent  Series  Parallel	Two Independent Outputs and 5V Fixed Output Output From 0 to Rating Volts and 0 to Rating Amperes Output From 0 to ± Rating Volts at Rating Amperes Output From 0 to Double Rating Volts at Rating Amperes Output From 0 to Double Rating Ampere at Rating Volts	
<b>POWER SOURCE</b>	ACV 100V / 120V / 220V / 240V ± 10%, 60Hz / 50Hz ( * ACV 230V, 50Hz )	
<b>ACCESSORIES</b>	ACS-002 X2, ( ACS-016 × 2 for CE / GS Models ). Operation Manual X1	

### Ordering Information :

6 3 0 2 A R S



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

★ Models with CE /GS Marks

Model No.	Dimension	Model Type					
6302	L	A	D	AR	DR	AS*	DS*
6303	L	A	D	AR	DR	AS*	DS*
6306	L	A	D	AR	DR	/	/
6603	L	A	D	AR	DR	/	/

Net Weigh : ( 6302,6303 ) ≈ 11kg

Net Weigh : ( 6306,6303 ) ≈ 14.5kg



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