

DC Power Supplies

EPS-6030TD 60V 3A Digital Display Triple Output DC Power Supply
EPS-3030TD 30V 3A Digital Display Triple Output DC Power Supply
EPS-3060TD 30V 6A Digital Display Triple Output DC Power Supply
EPS-6030SD 60V 3A Digital Display Single Output DC Power Supply
EPS-3010SD 30V 10A Digital Display Single Output DC Power Supply
EPS-3060SD 30V 6A Digital Display Single Output DC Power Supply
EPS-6015SD 60V 1.5A Digital Display Single Output DC Power Supply
EPS-3030SD 30V 3A Digital Display Single Output DC Power Supply
EPS-1850SD 18V 5A Digital Display Single Output DC Power Supply

EPS-6030T 60V 3A Meter Triple Output DC Power Supply
EPS-3030T 30V 3A Meter Triple Output DC Power Supply
EPS-6030D 60V 3A Meter Dual Output DC Power Supply
EPS-3030D 30V 3A Meter Dual Output DC Power Supply
EPS-3030S 30V 3A Meter Single Output DC Power Supply



EPS-6030TD/3060TD/3030TD

EPS-6030T/3030T



EPS-6030SD/3060SD/3010SD

EPS-6030D/3030D



EPS-6015SD/3030SD/1850SD



EPS-3030S

Features

- Constant Voltage or Constant Current operation
- Coarse and fine voltage/current controls(single output models only)
- Very Low ripple and noise
- Short circuit protection
- Overload protection and Reverse Polarity Protection
- Independent, Series and parallel operation(triple output models only)
- Adjustable current limiting

Ordering Information

Standard Accessories:

- Manual
 TL-28 Test leads(Alligator to Banana) (EPS-3030D/3030S)
 TL-29 Test leads(Alligator to Banana)
 AC Power Cord

Specifications	EPS-6030TD/3060TD/3030TD	EPS-6030SD/3060SD/3010SD	EPS-6015SD/3030SD/1850SD	EPS-6030T/3030T	EPS-6030D/3030D	EPS-3030S
Display						
Readout	Digital	Digital	Digital	Meter	Meter	Meter
Accuracy	0.5% + 2 dgt	0.5% + 2 dgt	0.5% + 2dgt	≤2.5% of full scale	≤2.5% of full scale	≤2.5% of full scale
Output						
Range	EPS-6030TD 0-60V x 2 0-3A EPS-3030TD 0-30V x 2 0-3A EPS-3060TD 0-30V x 2 0-6A	EPS-6030SD 0-60V x 1 0-3A EPS-3010SD 0-30V x 1 0-3A EPS-3060SD 0-30V x 1 0-6A	EPS-3030SD 0-30V x 1 0-3A EPS-1850SD 0-18V x 1 0-5A EPS-6015SD 0-60V x 1 1.5A	EPS-6030T 0-60V x 2 0-3A EPS-3030T 0-30V x 2 0-3A	EPS-6030D 0-60V x 2 0-3A EPS-3030D 0-30V x 2 0-3A	EPS-3030S 0-30V x 1 0-3A
Constant Voltage Operation						
Load regulation	≤0.01% + 5 mV ≤0.01% + 3 mV (3030TD)	≤0.01% + 3 mV ≤0.01% + 5 mV (≥100W)	≤0.01% + 3 mV	≤0.02% + 3 mV	≤0.02% + 3 mV	≤0.02% + 3 mV
Line regulation	≤0.01% + 3 mV	≤0.01% + 3 mV	≤0.01% + 3 mV	≤0.02% + 3 mV	≤0.02% + 3 mV	≤0.02% + 3 mV
Noise & Ripple	≤1 mVrms ≤0.5mVrms (3030TD)	≤1 mVrms	≤0.5 mVrms	≤0.5mVrms	≤0.5mVrms	≤0.5mVrms
Constant Current Operation						
Load regulation	≤0.06% + 4mA	≤0.06% + 4mA	≤0.06% + 4mA	≤0.2% + 0.5mA	≤0.2% + 0.5mA	≤0.2% + 0.5mA
Line regulation	≤0.06% + 4mA	≤0.06% + 4mA	≤0.06% + 4mA	≤0.2% + 0.25mA	≤0.2% + 0.25mA	≤0.2% + 0.25mA
Noise & Ripple	≤3 mArms(3030TD) ≤1 mVrms	≤3 mArms	≤1 mArms	≤3 mArms	≤3 mArms	≤3 mArms
Fixed Voltage Output						
Range	5V / 3A			5V / 3A		
Load regulation	≤10 mV			≤10 mV		
Line regulation	≤5 mV			≤5 mV		
Noise & Ripple	≤2 mVrms			≤2 mVrms		
Voltage Accuracy	5V ±0.25V			5V ±0.25V		
Tracking						
Mode	Independent/Serial/Parallel			Independent / Serial / Parallel	Independent / Serial / Parallel	Independent / Serial / Parallel
Tracking error	≤0.2% + 50 mV			≤0.25% + 2 mV	≤0.25% + 2 mV	≤0.25% + 2 mV
Serial Regulation	≤300 mV			≤300 mV	≤300 mV	≤300 mV
Others						
Power Source	AC 100V, 120V, 220V, 240V ±10%, 50/60Hz	AC 100V, 120V, 220V, 240V ±10%, 50/60Hz	AC 100V, 120V, 220V, 240V ±10%, 50/60Hz	AC 115V/230V ±10V, 50/60Hz	AC 115V/230V ±10V, 50/60Hz	AC 115V/230V ±10V, 50/60Hz
Voltage Protection	Reverse Polarity	Reverse Polarity	Reverse Polarity	Reverse Polarity	Reverse Polarity	Reverse Polarity
Dimensions (W x H x D)	156 x 270 x 462mm	156 x 270 x 462mm	88 x 213 x 394mm	142 x 260 x 335mm	142 x 260 x 335mm	145 x 140 x 325mm
Weight	13.5 kgs Approx.	18.5kgs Approx. 14.5kgs Approx.(3030TD)	6.5 kgs Approx.	8.5 kgs Approx.	8.5 kgs Approx.	4.5 kgs Approx.

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