

Linear Mode DC Power Supply

SINGLE OUTPUT



TP1000 SERIES

FEATURES

0~30V / 0~3A

0~30V / 0~5A

0~60V / 0~3A

FIXED 5V / 1A



- Constant voltage and constant current operations
- Auto CV and CC switch
- Output ON/OFF control
- High efficiency, light and compact design
- High power density
- Over load and reverse polarity protections
- Dual-color two digital panel meters



SPECIFICATIONS

Rated output	0~30V/0~3A	0~30V/0~5A	0~60V/0~3A
Constant voltage operation			
Line regulation	≤0.01%+3mV	≤0.01%+3mV	≤0.01%+5mV
Load regulation	≤0.01%+3mV	≤0.02%+5mV	≤0.02%+5mV
Ripple & Noise (5Hz~1MHz)	≤3mVrms		
Constant current operation			
Line regulation	≤0.2%+3mA		
Load regulation	≤0.2%+3mA	≤0.2%+5mA	≤0.2%+3mA
Fixed output			
Load regulation	≤25mV @110/220VAC rated input		
Ripple & noise (5Hz~1MHz)	≤3mVrms		
Display			
Resolution	100mV/10mA		
Accuracy	±(1% reading+2 digits)		
General			
Operating environment	0℃~40℃, ≤80%RH		
Storage environment	-10℃~70℃, ≤70%RH		
Power source	AC110V/220V±10%, 50/60Hz		
Accessories	Power cord x1, Operation manual x1		

SELECTION GUIDE

Model	TP-1303	TP-1305	TP-1603	TP-1303C	TP-1305C	TP-1603C	TP-1303EC	TP-1305EC	TP-1603EC
Output voltage	0~30V	0~30V	0~60V	0~30V	0~30V	0~60V	0~30V	0~30V	0~60V
Output current	0~3A	0~5A	0~3A	0~3A	0~5A	0~3A	0~3A	0~5A	0~3A
Fixed output	5V±0.25V/1A								
Preset V&I									
Output ON/OFF	√			√					
Dimension (WxHxD)	130x160x255mm								
Weight	5 kg	6 kg	6 kg	5 kg	6 kg	6 kg	4.5 kg	5.5 kg	5.5kg

Linear Mode DC Power Supply

SINGLE OUTPUT

FEATURES

- Constant voltage and constant current operations
- Auto CV and CC switch
- Output ON/OFF control
- Preset function, setting of voltage and current with output open circuit (TP-3020/6010)
- High efficiency, light and compact design
- High power density
- Over load and reverse polarity protections
- Dual-color two digital panel meters

TP1000 SERIES



0~30V / 0~10A
0~60V / 0~5A
0~30V / 0~20A
0~60V / 0~10A



SPECIFICATIONS

Model	TP-3010	TP-6005	TP-3020	TP-6010
Constant voltage operation				
Line regulation	≤0.01%+5mV	≤0.01%+5mV	≤0.01%+10mV	≤0.01%+5mV
Load regulation	≤0.02%+5mV	≤0.02%+5mV	≤0.02%+10mV	≤0.02%+5mV
Ripple & Noise (5Hz~1MHz)	≤3mVrms			
Constant current operation				
Line regulation	≤0.2%+3mA			
Load regulation	≤0.2%+3mA (I≤3A); ≤0.2%+5mA (I>3A); ≤0.2%+15mA (I≥10A)			
Ripple & Noise (5Hz~1MHz)	≤3mArms (I≤3A); ≤10mArms (I>3A)			
Display				
Accuracy	Real voltage and current output: ±(1% reading+2 digits)			
	Preset voltage and current: ±(1% reading+8 digits)			
General				
Operating environment	0℃~40℃, ≤80%RH			
Storage environment	-10℃~70℃, ≤70%RH			
Power source	AC110V/220V±10%, 50/60Hz			
Accessories	Power cord x1, Operation manual x1			

SELECTION GUIDE

Model	TP-3010	TP-6005	TP-3020	TP-6010
Output voltage	0~30V	0~60V	0~30V	0~60V
Output current	0~10A	0~5A	0~20A	0~10A
Resolution	100mV/10mA	100mV/10mA	100mV/100mA	100mV/10mA
Fixed output				
Preset V&I			√	√
Output ON/OFF	√	√	√	√
Dimension (WxHxD)	255x155x370mm		255x155x330mm	
Weight	10kg	10kg	14kg	14kg