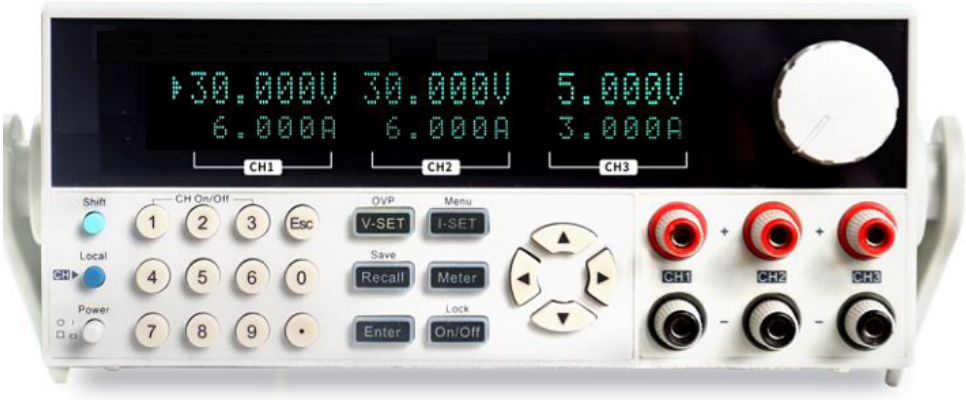
Tripple-output Programmable DC Power Supply

30V-3A * 3CH or 30V-6A * 3CH or 60V-3A * 3CH



Optional TL3-30-6 30V/6A * 2CH, 6V/3A *1CH

- 2U half-rack instrument delivers up to 540 W of power with low ripple and noise, or 180 W per channel;
- Linear type high resolution, high precision (1mV/1mA), high stability DC power supply;
- Capability to do series or parallel, or tracking among the channels;
- Monitor the voltage and current output in real time for all channels;
- All channels are individually controllable;
- Save and recall up to 40 groups of V/I setups;
- Voltage remote sense compensation;
- Output timer (0.1 ~ 3600 seconds);
- Overvoltage, overtemperature protections;
- Standard RS232, USB, support SCPI commands;
- Intelligent fan control, reduces noise.

General

TL3 tripple-output series linear DC power supplies provide three individually controllable output channels, which can be operated in series, parallel or tracking mode. The 2U half-rack device delivers up to 540 W of power with low ripple and noise, or 180 W per channel, and offers functionalities such as remote sense, output timer, channel max voltage, overvoltage and overtemperature protections etc.. The instrument comes standard with RS232, USB ports, supports SCPI programming commands.

Model options

Model Name	CH1		CH2		CH3	
	Voltage	Current	Voltage	Current	Voltage	Current
TL3-30-3	30V	3A	30V	3A	6V	3A
TL3-30-6	30V	6A	30V	6A	6V	3A
TL3-60-3	60V	3A	60V	3A	6V	3A
TL3-30-3X	30V	3A	30V	3A	30V	3A
TL3-60-6X	30V	6A	30V	6A	30V	6A
TL3-60-3X	60V	3A	60V	3A	60V	3A

Инфостера

TL3 Tripple-output Series

Specifications

Model		TL3-30-3	TL3-30-6	TL3-60-3	TL3-30-3X	TL3-60-6X	TL3-60-3X
Rated Output	Voltage	0...30V*2/0...6V*1	0...30V*2/0...6V*1	0...60V*2/0...6V*1	0...30 V* 3	0...30 V* 3	0...60 V* 3
	Current	0...3 A* 3	0...6A*2/0...3A*1	0...3 A* 3	0...3 A* 3	0...6 A* 3	0...3 A* 3
Load Regulation	Voltage	≤0.01%+3mV					
	Current	≤0.01%+3mA					
Line Regulation	Voltage	≤0.01%+3mV					
	Current	≤0.01%+3mA					
Set Resolution	Voltage	1mV					
	Current	1mA					
Readback Resolution	Voltage	1mV					
	Current	1mA					
Set Accuracy	Voltage	≤0.03%+10mV					
	Current	≤0.1%+5mA	≤0.1%+8mA	≤0.1%+5mA	≤0.1%+5mA	≤0.1%+8mA	≤0.1%+5mA
Readback Accuracy	Voltage	≤0.03%+10mV					
	Current	≤0.1%+5mA	≤0.1%+8mA	≤0.1%+5mA	≤0.1%+5mA	≤0.1%+8mA	≤0.1%+5mA
Ripple Noise	Voltage	≤2mVrms					
	Current	≤5mArms					
Serial/Parallel Set Accuracy	Voltage	≤0.02%+5mV	≤0.02%+10mV	≤0.02%+5mV	≤0.02%+10mV	≤0.02%+10mV	≤0.02%+5mV
	Current	≤0.1%+30mA					
Memory	Save/Call	40 Goups of Setups					
	Function	Timing power off					
Timer	Range	0.1 s~ 3600 s					
	Resolution	0.1 s					
Work Temp.		0 ~ 40℃					
Dimension （W* H* D)	mm	255*110*380	255*110*380	255*110*380	255*110*480	255*110*480	255*110*480
Carton(W*H*D)	mm	325*210*475	325*210*475	325*210*475	325*210*575	325*210*575	325*210*575
N.W.	kg	8.5	8.5	8.5	11	11	11
G.W.	kg	10	10	10	13	13	13

Инфостера