

Power Supplies Fact Sheet

Triple and Quad Output

Broad Product Range

Current: Up to 12 Amps
Voltage: Up to 120 Volts
Power: Up to 375 Watts



Models and Characteristics

	Voltage Range	Current Range	Maximum Power	
T3PS3000	0–32 V / 0–32 V / 2.5 V, 3.3 V, 5 V	0–3.2 A / 0–3.2 A / 0–3.2 A	220 W	Programmable
T3PS33203	0–32 V / 0–32 V / 5 V	0–3 A / 0–3 A / 0–5 A	207 W	
T3PS33203P	0–32 V / 0–32 V / 1.8 V, 2.5 V, 3.3 V, 5 V	0–3 A / 0–3 A / 0–5 A	207 W	Programmable
T3PS36006 ¹	0–60 V / 0–60 V / 0.1–5 V	0–6 A / 0–6 A / 0–3 A	375 W	
T3PS43203	0–32 V / 0–32 V / 0–15 V / 0–5 V	0–3 A / 0–3 A / 0–1 A / 0–1 A	212 W	
T3PS43203P	0–32 V / 0–32 V / 0–15 V / 0–5 V	0–3 A / 0–3 A / 0–1 A / 0–1 A	212 W	Programmable

¹ See page 2 for additional specifications.

Tools for Improved Debugging

- 6 Models to choose from. ✔ More choices for better application coverage.
- Triple and Quad output models. ✔ Single and Dual output models available in our Single and Dual output model brochure.
- Programmable and non-programmable models available. ✔ Selection of bench or programmable/ATE instruments.
- All power supplies support Constant Voltage and Constant Current modes (C.V. and C.C. modes). ✔ Multiple independent modes per output supports a wider range of applications.
- All models support independent, series and parallel output modes. ✔ Support for the maximum output configuration flexibility.

Warranty: 3 Years return to Teledyne LeCroy.

For more information, please contact:



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Models and Specifications

Model	T3PS3000	T3PS33203	T3PS33203P	T3PS36006	T3PS43203	T3PS43203P
Number of Channels	3	3	3	3	4	4
Voltage Range	Ch1/Ch2 0–32 V	0–32 V	0–32 V	0–30 V / 0–60 V	0–32 V	0–32 V
	Ch3 2.5 V, 3.3 V, 5 V ± 8 %	5 V ± 5 % (fixed)	1.8 V, 2.5 V, 3.3 V, 5 V ± 5 %	0.1–5 V	0–15 V	0–15 V
	Ch4 –	–	–	–	0–5 V	0–5 V
Current Range	Ch1/Ch2 0–3.2 A	0–3 A	0–3 A	0–6 A / 0–3 A	0–3 A	0–3 A
	Ch3 0–3.2 A	0–5 A	0–5 A	0–3 A	0–1 A	0–1 A
	Ch4 –	–	–	–	0–1 A	0–1 A
Maximum Power	220 W	207 W	207 W	375 W	212 W	212 W

Constant Voltage

Line Regulation	Ch1/Ch2 ≤ 0.01 % + 3 mV	≤ 0.01 % + 3 mV	≤ 0.01 % + 3 mV	≤ 0.01 % + 3 mV	≤ 0.01 % + 3 mV	≤ 0.01 % + 3 mV
	Ch3 ≤ 0.01 % + 3 mV	≤ 3 mV	≤ 3 mV	≤ 0.01 % + 3 mV	≤ 0.01 % + 3 mV	≤ 0.01 % + 3 mV
	Ch4 –	–	–	–	≤ 0.01 % + 3 mV	≤ 0.01 % + 3 mV
Load Regulation	Ch1/Ch2 ≤ 0.01 % + 3 mV	≤ 0.01 % + 3 mV	≤ 0.01 % + 3 mV	≤ 0.01 % + 5 mV	≤ 0.01 % + 3 mV	≤ 0.01 % + 3 mV
	Ch3 ≤ 0.01 % + 3 mV	≤ 5 mV	≤ 5 mV	≤ 0.01 % + 5 mV	≤ 0.01 % + 3 mV	≤ 0.01 % + 3 mV
	Ch4 –	–	–	–	≤ 0.01 % + 3 mV	≤ 0.01 % + 3 mV
Ripple & Noise	Ch1/Ch2 ≤ 1 mV rms (5 Hz–1 MHz)	≤ 1 mV rms (5 Hz–1 MHz)	≤ 350 μV rms (5 Hz–1 MHz)	≤ 5 mV rms (5 Hz–1 MHz)	≤ 1 mV rms (5 Hz–1 MHz)	≤ 350 μV rms (5 Hz–1 MHz)
	Ch3 ≤ 1 mV rms (5 Hz–1 MHz)	≤ 1 mV rms (5 Hz–1 MHz)	≤ 2 mV rms (5 Hz–1 MHz)	≤ 5 mV rms (5 Hz–1 MHz)	≤ 1 mV rms (5 Hz–1 MHz)	≤ 1 mV rms (5 Hz–1 MHz)
	Ch4 –	–	–	–	≤ 1 mV rms (5 Hz–1 MHz)	≤ 1 mV rms (5 Hz–1 MHz)
Recovery Time (50 % Load Change, minimum load 0.5 A)	≤ 50 μs	≤ 100 μs	≤ 50 μs	≤ 100 μs	≤ 100 μs	≤ 50 μs

Constant Current

Line Regulation	≤ 0.2 % + 3 mA	≤ 0.2 % + 3 mA	≤ 0.2 % + 3 mA	≤ 0.2 % + 3 mA	≤ 0.2 % + 3 mA	≤ 0.2 % + 3 mA
Load Regulation	≤ 0.2 % + 3 mA	≤ 0.2 % + 3 mA	≤ 0.2 % + 3 mA	≤ 0.2 % + 3 mA	≤ 0.2 % + 3 mA	≤ 0.2 % + 3 mA
Ripple & Noise	≤ 3 mA rms	≤ 3 mA rms	≤ 2 mA rms	≤ 3 mA rms	≤ 3 mA rms	≤ 2 mA rms

Other

Series Tracking	0–64 V, 0–3.2 A	0–64 V, 0–3 A	0–64 V, 0–3 A	0–120 V, 0–3 A	0–64 V, 0–3 A	0–64 V, 0–3 A
Parallel Tracking	0–32 V, 0–6.4 A	0–32 V, 0–6 A	0–32 V, 0–6 A	0–30 V, 0–12 A	0–32 V, 0–6 A	0–32 V, 0–6 A
Programmable	Yes	No	Yes	No	No	Yes