

2200 Series Multichannel Programmable DC Power Supplies

More power with precision accuracy and independent channel control

new

- Independent on/off control and isolated channels for maximum flexibility
- Remote sensing on all channels provides maximum accuracy at the load
- Double voltage output to 60 V or current to 3 A by combining the analog channels
- 0.03% voltage with 0.1% current accuracies for quality test data
- Low noise and linear regulation with less than 3 mVpp ripple and noise
- USB-TMC interface allows easy PC interface
- Save time with 30 setup memories



20055-22

What's included: Rear-panel mating connector, driver CD, and calibration document supplied by the manufacturer.

Catalog No.	Model No.	Outputs	Output V/I	Ripple and noise	Power rating
TS-20055-21	2220-30-1	2	0 to 30 VDC, 0 to 1.5 A	<1 mVrms, <3 mVpp	45 W
TS-20055-22	2230-30-1	3	Ch 1 & 2: 0 to 30 VDC, 0 to 1.5 A Ch 3: 0 to 6 VDC, 0 to 5 A	<1 mVrms, <3 mVpp	Ch 1 & 2: 45 W Ch 3: 30 W
Accessories					
TS-17100-16	—	NIST-traceable recalibration with data			

Triple Output Programmable DC Power Supply

Flexible output configuration allows operation in series or parallel tracking mode

This fully programmable power supply delivers 0 to 30 V / 0 to 3 A on 2 outputs and 0 to 5 V / 0 to 3 A on one output. Each output is fully floating and outputs can be adjusted independently or connected in series or parallel to produce higher voltages or currents. Unit is ideally suited for electronic test, production, and service applications, where multiple independent DC supplies are required and bench space is at a premium.

- Three independent, fully programmable and electrically isolated outputs
- Display and adjust voltage and current settings for all 3 channels simultaneously
- SCPI compatible command set allows communicating via USB interface via included USB to TTL serial converter cable
- OVP (over-voltage) and OTP (over-temperature) protection
- Excellent stability and regulation
- Compact footprint (rack mountable 2U x 1/2U)
- Included software for front panel emulation and simple test sequence generation
- 50 memory locations for instrument state storage and recall



20046-67

SPECIFICATIONS	
DC voltage output (3 ranges)	0 to 30 V (Ch 1, 2); 0 to 5 V (Ch 3)
DC current output	0 to 3 A (Ch 1, 2, 3)
Line regulation (C/V)	≤0.1% + 3 mA, ≤0.01% + 3 mV
Load regulation (C/V)	≤0.01% + 3 mA, ≤0.01% + 3 mV
Ripple and noise	≤1 mVrms/3 mVpp; ≤3 mVrms
Dimensions (W x H x D)	8 ¹³ / ₃₂ " x 3 ¹³ / ₁₆ " x 13 ²⁹ / ₃₂ " (213 x 97 x 353 mm)
Power	110 to 220 VAC, 50/60 Hz (selectable)

What's included: Software, line cord, and USB communication cable.

Catalog No.	Model No.	Description
TS-20046-67	9130	Triple output programmable DC power supply
Accessories		
TS-17100-16	—	NIST-traceable calibration with data