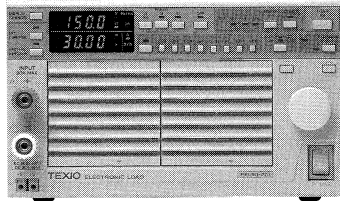


DC Electronic Loads

PEL Series

Type I (Half rack size)

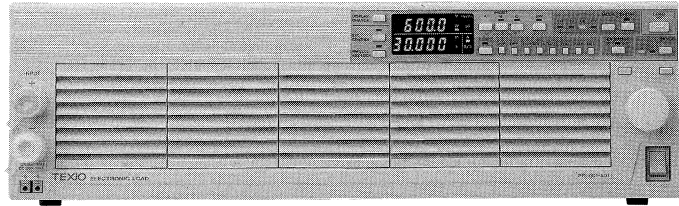
Type II (Full rack size)



GP-IB
STANDARD



(Except V1 model)



GP-IB
STANDARD



(Except V1 model)

PEL151-201
150W/200V

PEL151-201V1
150W/200V, Min. 0V Operating Model

PEL301-201
300W/200V

PEL301-201V1
300W/200V, Min. 0V Operating Model

PEL601-201
600W/200V

PEL601-201V1
600W/200V, Min. 0V Operating Model

PEL102-201
1000W/200V

PEL102-201V1
1000W/200V, Min. 0V Operating Model

- CC/CR/CP/CC+CV/CR+CV mode are selectable
- Variable slew rate from 10μsec to 2msec
- Soft start function
- 3 point presetting
- Load switch function
- Shorting operation
- 100-step sequence memory
- Protection (OVP, OCP, OPP, OHP and RCP)
- Standard GP-IB interface

PEL Series Specifications

Model		PEL151-201 (V1)	PEL301-201(V1)	PEL601-201 (V1)	PEL102-201 (V1)
Input Power Range		0 - 150W (V1 0VCC mode 0-100W)	0 - 300W (V1 0VCC mode 0-200W)	0-600 W (V1 0VCC mode 0-400W)	0-1000 W (V1 0VCC mode 0-600W)
Input Voltage Range		CC/CP/CV Mode:1.5-200 V, CR Mode:0-200 V			
	Rear Terminal	CC/CP/CV Mode:1.5-200 V, CR Mode:0-200 V (V1 Mode:3-200 V except 0VCC Mode)			
	Front Terminal	CC/CP/CV Mode:1.5-200 V, CR Mode:0-200 V (V1 Mode:3-200 V except 0VCC Mode)			
Input Current Range		0-30 A	0-60 A	0-120 A	0-200 A
	Rear Terminal	0-30 A(V1 0VCC mode 0-18A)			
	Front Terminal	0-30 A(V1 0VCC mode 0-18A)			
Constant Current Mode		20V Range:1.5-20V/1mV, 200 V Range:15 - 200 V / 10 mV			
	L Range	0 - 0.3 A / 10 μA / 1.5 W	0 - 0.6 A / 20 μA / 3 W	0 - 1.2 A / 40 μA / 6 W	0-2 A/50 μA/10 W
	H Range	0 - 30 A / 1 mA / 150 W	0 - 60 A / 2 mA / 300 W	0 - 120 A / 4 mA / 600 W	0-200 A / 5 mA/1000 W
Constant Resistance Mode		20V Range:1.5-20V/1mV, 200 V Range:15 - 200 V / 10 mV			
	L Range	OPEN, 150 k - 5 Ω / 6.6 μS	OPEN, 75 k - 2.5Ω / 13.3 μS	OPEN, 37.5k - 1.25Ω / 26.6 μS	OPEN, 25 k - 8.33 mΩ / 40 μS
	H Range	OPEN, 1.5 k - 50mΩ / 66 mS	OPEN, 750 - 25mΩ / 1.33 mS	OPEN, 375 - 2.5 mΩ / 2.66 mS	OPEN, 250 - 8.3 mΩ / 4 mS
Constant Voltage Mode		20V Range:1.5-20V/1mV, 200 V Range:15 - 200 V / 10 mV			
	L Range	0.03 - 1.5 W / 50 μW	0.06 - 3 W / 100 μW	0.12 - 6 W / 200 μW	0.2 - 10 W / 250 μW
	H Range	1.5 - 150 W / 5mW	3 - 300 W / 10mW	6 - 600 W / 20mW	10-1kW/25mW
Short Mode		20V Range:1.5-20V/1mV, 200 V Range:15 - 200 V / 10 mV			
	Setting Current Value	0.3/30A (V1 model CC 0V : 18A)	0.6/60 A (V1 model CC 0 V : 18A)	1.2/120A (V1 model CC0V:18A)	2/200A (V1 model CC0V:18A)
SW Mode (A ⇄ B)		1 Hz - 10 kHz / ±1.5% of set			
Slew Rate Tr/Tf (1% ⇄ 100%)		CC, CR			
	Setting Range	CC: 10 / 50 / 100 / 200 / 500 / 1000 / 2000 μs, CR: OFF / 200 / 500 / 1000 / 2000 μs			
Soft Start (except V1 model 0VCC mode)		CC			
	Setting Range / Accuracy	0.1, 1, 2, 5, 10, 20, 50, 100 ms / ±30% of set +100 μs			
Power Source / Frequency		AC100-240V, 50/60Hz			
Dimensions (Maximum Dimensions)WxHxD		210 (210)×124 (141)× 405 (538) mm		421.5 (421.5) × 124 (141) × 405 (538) mm	
Weight		Approx. 6 kg	Approx. 7 kg	Approx. 11 kg	Approx. 13 kg