



PROGRAMMABLE ELECTRONIC LOAD



Patent No: G81011/81324



PEL- 300

FEATURES:G

- Operating Voltage 3 ~ 60V
- Operating Current 6mA ~ 60A
- Operating 1 ~ 300W
- Easy Operation, with UP/DOWN Key
- High Resolution:G20mV, 0.2mA, 0.33mW
- Over Voltage, Over Current, Over Power Protection
- Memory Store and Recall 100 Points
- Max. Power:G300W
- Operation Mode:GConstant Voltage mode, Constant Current mode, Constant Resistance mode
- Transient Generator Frequency
Frequency Range:G1Hz ~ 1kHz;FDuty Range:G10% ~ 90%
- Self-Test and Software Calibration
- Meet UL, CSA, IEC Safety Regulation

SPECIFICATIONS

RATING	Operating Voltage	3 ~ 60V
	Current	6mA ~ 60A
	Power	1 ~ 300W
	Minimum Operation	3V
CV MODE	Operating Range	3 ~ 60V
	Setting Accuracy	$\pm (0.1\% + 40mV)$
	Setting Resolution	20mV
CC MODE	Operating Range	6mA ~ 60A
	Setting Accuracy	6.02A ~ 60A Range $\pm (0.5\% + 100mA)$
		0.602A ~ 6A Range $\pm (0.1\% + 10mA)$
		6mA ~ 0.6A Range $\pm (0.1\% + 1mA)$
Setting Resolution	6.02A ~ 60A Range 20Ma	

0.602A ~ 6A Range 2mA

6mA ~ 0.6A Range 0.2mA

CR MODE	Operating Range	50mW ~ 1kW
	Setting Accuracy	100.33W ~ 1kW \pm (5% + 1W) 10.033W ~ 100W \pm (5% + 100mW) 1.0033W ~ 10W \pm (5% + 1mW) 50mW ~ 1W \pm (5% + 1mW)
	Setting Resolution	100.33W ~ 1kW 330mW 10.033W ~ 100W 33mW 1.0033W ~ 10W 3.3mW 50mW ~ 1W 0.33mW

DYNAMIC OPERATION	Frequency Range	1Hz ~ 1kHz
CC MODE ONLY	Resistance Range	105Hz ~ 1kHz Range 5Hz 10.5Hz ~ 100Hz Range 0.5Hz 1Hz ~ 10Hz Range 0.05Hz
	Duty Range	10% ~ 90%
	Resolution	1%

VOLTAGE READBACK	Accuracy	\pm (0.1% + 60mV)
	Resolution	20mV

CURRENT READBACK	Accuracy	6.02A ~ 60A Range \pm (0.5% + 100mA) 0.602A ~ 6A Range \pm (0.1% + 10mA) 6mA ~ 0.6A Range \pm (0.1% + 1mA)
	Resolution	6.02A ~ 60A Range 20mA 0.602A ~ 6A Range 2mA 6mA ~ 0.6A Range 0.2mA

MEMORY	Store/Recall Points	0 ~ 99
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TIMER	Range	1sec ~ 999min 59sec
	Resolution	1sec
	Function	for load on

POWER SOURCE AC 100V/120V/220V/240V \pm 10%, 50/60Hz

ACCESSORIES Instruction manual x 1,
Power cord x 1

DIMENSIONS & WEIGHT 255(W) x 145(H) x 346(D) mm, Approx. 9kg

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