

ESPECIFICACIONES											
Modelo	PEL-3021			PEL-3041			PEL-3111			PEL-3211	
MODO POTENCIA CONSTANTE											
Rango de Operación	Range	H	17.5W~175W			35W~350W			105W~1050W		210W~2100W
		M	1.75W~17.5W			3.5W~35W			10.5W~105W		21W~210W
		L	0.175W~1.75W			0.35W~3.5W			1.05W~10.5W		2.1W~21W
Accuracy of Setting	H, M, L	±(0.6 % of set ^{*5} + 1.4 % of fs ^{*6})									
Resolución		10mW	1mW	0.1mW	10mW	1mW	0.1mW	100mW	10mW	1mW	N/A
Modo PARALELO											
Capacidad		875W			1750W			5250W		PEL-3111 with 4 booster units : Max 9.45kW	
SLEW RATE											
Setting Range (Modo CC)	Range	H	2.5mA/μs~2.5A/μs			5mA/μs~5A/μs			16mA/μs~16A/μs		16mA/μs~16A/μs
		M	250μA/μs~250mA/μs			500μA/μs~500mA/μs			1.6mA/μs~1.6A/μs		1.6mA/μs~1.6A/μs
		L	2.5μA/μs~25mA/μs			50μA/μs~50mA/μs			160μA/μs~160mA/μs		N/A
Setting Range (Modo CR)	Range	H	250μA/μs~250mA/μs			500μA/μs~500mA/μs			1.6mA/μs~1.6A/μs		1.6mA/μs~1.6A/μs
		M	25μA/μs~25mA/μs			50μA/μs~50mA/μs			160μA/μs~160mA/μs		160μA/μs~160mA/μs
		L	2.5μA/μs~2.5mA/μs			5μA/μs~5mA/μs			16μA/μs~16mA/μs		N/A
Accuracy of Setting	H, M, L	±(10 % of set*7 + 5μs)									
Resolución		0.1μA ~ 1mA			0.2μA ~ 2mA			0.6μA ~ 6mA		N/A	
METER											
Voltmetro	Accuracy	±(0.1 % of rdg + 0.1 % of fs)									
Amperímetro	Accuracy	±(0.2 % of rdg + 0.3 % of fs)									
Amperímetro(Oper Paralelo)	Accuracy	±(1.2% of rdg +1.1% of fs.)									
MODO DINAMICO											
Modo de Operación		CC and CR									
T1 & T2 Accuracy		0.025ms~10ms/Res : 1μs ; 1ms~30s/Res : 1ms 1μs/1ms ± 100ppm									
Slew Rate	Range	H	2.5mA/μs~2.5A/μs			5mA/μs~5A/μs			16mA/μs~16A/μs		16mA/μs~16A/μs
		M	250μA/μs~250mA/μs			500μA/μs~500mA/μs			1.6mA/μs~1.6A/μs		1.6mA/μs~1.6A/μs
		L	2.5μA/μs~25mA/μs			50μA/μs~50mA/μs			160μA/μs~160mA/μs		N/A
Current Accuracy		±0.4%F.S.			±0.4%F.S.			±0.4%F.S.		±(1.2%of set+1.1% of F.S.)	
FUNCIÓN DE PROTECCIÓN											
Protección de SobreVoltaje(OVP)		Adjustable ; Turns off the load at 110% of the rated voltage									
Protección de SobreCorriente(OCP)		0.03A~38.5A(Adjustable)	0.06A~77A(Adjustable)			0.2A~231A(Adjustable)				N/A	
Protección de SobrePotencia(OPP)		0.1W~192.5W(Adjustable)	0.3W~385W(Adjustable)			1W~1155W(Adjustable)					
Protección de SobreCalentamiento(OHP)		Turns off the load when the heat sink temperature reaches 95 °C									
Protección de BajoVoltaje(UVP)		Adjustable : Turns off the load when detected									
Protección de Conexión invertida(REV)		Can be set in the range of 0 V to 150 V or Off By diode. Turns off the load when an alarm occurs									
FUENTE DE PODER											
AC100V ~ 230V±10% ; 50Hz / 60Hz ± 2Hz											
INTERFACE											
USB/RS232/Control Analogo (Standard) ; GPIB(Opcion)											
DIMENSIONES & PESO											
		214.5(W)x124(H)x400(D)mm; Approx. 6kg			214.5(W)x124(H)x400(D)mm; Approx. 7kg			429.5(W)x128(H)x400(D)mm; Approx. 17kg		427.7(W)x147.8(H)x592.5(D)mm; Approx. 23kg	

*1. Full scale of H range. *7. Time to reach from 10 %~90 % when the current is varied from 2 %~100 %(20 %~100 % in M range) of the rated current. Specifications subject to change without notice. EL-3000GD1BH
*2. Vin: input terminal voltage of electronic load.
*3. M range applies to the full scale of H range.
*4. Set = Vin/Rset.
*5. It is not applied for the condition of the parallel operation.
*6. M range applies to the full scale of H range.

INFORMACION PARA ORDENAR	
PEL-3021	175W Carga Electrónica Programable de DC
PEL-3041	350W Carga Electrónica Programable de DC
PEL-3111	1050W Carga Electrónica Programable de DC
PEL-3211	2100W unidad de Amplificación
ACCESSORIOS :	para PEL-3111 solamente
	Manual de Usuario x 1, Cable de AC x 1

ACCESORIOS OPCIONALES			
GTL-120	Puntas de Prueba (Max 40A)	GRA-413	Rack Mount Kit (EIA+JIS) for PEL-3211
GTL-248	Cable GPIB (2m)		
GTL-246	Cable USB , USB 2.0A-B TYPE CABLE, 4P	GRA-414-J	Rack Mount Kit (JIS) for PEL-3021/3041/3111
GTL-255	Cable Frame Link (300mm)		
GTL-251	GPIB-USB-HS (High Speed)	GRA-414-E	Rack Mount Kit (EIA) for PEL-3021/3041/3111
GTL-252	Cable Frame Link (550mm)		

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PEL-3000 Series

Programmable D.C. Electronic Load

FEATURES

- Operating Voltage (DC) : 1.5V~150V
- Operating Mode : C.C/C.V/C.R/C.P/C.C+C.V/C.R+C.V/C.P+C.V
- Parallel Connection of Inputs for Higher Capacity (Max : 9,450W)
- Support of High Slew Rate : Max 16A/μs
- Run Program Function (Go/No Go Test)
- Sequence Function for High Efficient Load Simulations
- Commands are Compatible With Kikusui PLZ-4W Model (*)
- Dynamic (Switching) Function : 0.0166Hz~20kHz
- Soft Start Function : Off/On (1~200ms, Res : 1ms)
- Adjustable OCP/OVP/OPP/UVP Setting
- Short Circuit Function
- Timer Function : Elapsed Time of Load on
- Cut Off Time (Auto Load Off Timer) : 1s to 999h 59min 59s or Off
- External Channel Control/Monitoring Via Analog Control Connector
- Setup Memories : 100 sets
- 3.5 Inch TFT LCD Display
- Multi Interface : USB 2.0 Device/Host, RS-232, GPIB (Optional)

* The sequence and program commands are different from that of kikusui PLZ-4W model.

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