

### 产品性能

- 电压:0-150V;最大电流:1500A
- 功率:1.2KW-40KW
- 恒电压、恒电流、恒电阻和恒功率四种静态加载模式
- 高速动态负载,最高频率达20KHz
- 任意负载波形模拟功能
- 低压大电流工作特性
- 电池放电模拟和量测放电时间功能
- 快速OCP测试功能
- 可编程切换多组负载
- 高精度电压、电流和功率量测
- ARM控制技术,通讯速度快
- 兼容多款同类产品通讯指令,系统集成更简单
- 具有过压、过流、过功率、过温度、反向保护功能
- RS-232C/GPIB通讯接口(选配)

标配 RS-232  同步信号输出

### 150V系列产品选型表

型号	电压	电流	功率
PEL-9150S1212	0-150V	120A	1200W
PEL-9150S1818	0-150V	180A	1800W
PEL-9150S2424	0-150V	240A	2400W
PEL-9150S3030	0-150V	300A	3000W
PEL-9150S6060	0-150V	600A	6000W
PEL-9150S9090	0-150V	900A	9000W
PEL-9150S120120	0-150V	1200A	12KW
PEL-9150S150150	0-150V	1500A	15KW
PEL-9150S180120	0-150V	1200A	18KW
PEL-9150S240120	0-150V	1200A	24KW
PEL-9150S300120	0-150V	1200A	30KW
PEL-9150S400120	0-150V	1200A	40KW

### 600V系列产品选型表

型号	电压	电流	功率
PEL-9600S124.8	0-600V	48A	1200W
PEL-9600S187.2	0-600V	72A	1800W
PEL-9600S249.6	0-600V	96A	2400W
PEL-9600S3012	0-600V	120A	3000W
PEL-9600S6024	0-600V	240A	6000W
PEL-9600S9036	0-600V	360A	9000W
PEL-9600S12048	0-600V	480A	12KW
PEL-9600S15060	0-600V	600A	15KW
PEL-9600S18072	0-600V	720A	18KW
PEL-9600S24096	0-600V	960A	24KW
PEL-9600S300120	0-600V	1200A	30KW
PEL-9600S400120	0-600V	1200A	40KW

### 800V系列产品选型表

型号	电压	电流	功率
PEL-9800S124.8	0-800V	48A	1200W
PEL-9800S187.2	0-800V	72A	1800W
PEL-9800S249.6	0-800V	96A	2400W
PEL-9800S3012	0-800V	120A	3000W
PEL-9800S6024	0-800V	240A	6000W
PEL-9800S9036	0-800V	360A	9000W
PEL-9800S12048	0-800V	480A	12KW
PEL-9800S15060	0-800V	600A	15KW
PEL-9800S18072	0-800V	720A	18KW
PEL-9800S24096	0-800V	960A	24KW
PEL-9800S300120	0-800V	1200A	30KW
PEL-9800S400120	0-800V	1200A	40KW

### 1200V系列产品选型表

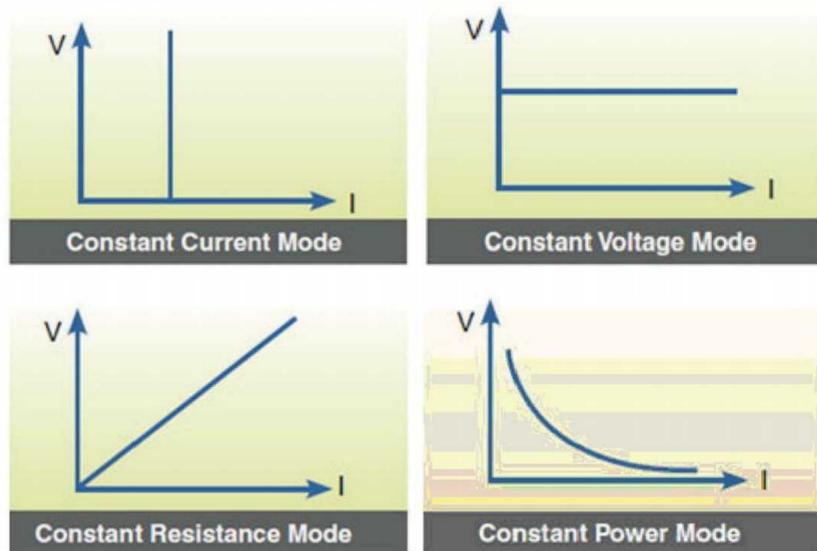
型号	电压	电流	功率
PEL-91200S3012	0-1200V	120A	3000W
PEL-91200S6024	0-1200V	240A	6000W
PEL-91200S9036	0-1200V	360A	9000W
PEL-91200S12048	0-1200V	480A	12KW
PEL-91200S15060	0-1200V	600A	15KW
PEL-91200S18072	0-1200V	720A	18KW
PEL-91200S24096	0-1200V	960A	24KW
PEL-91200S300120	0-1200V	1200A	30KW
PEL-91200S400120	0-1200V	1200A	40KW

### 产品描述

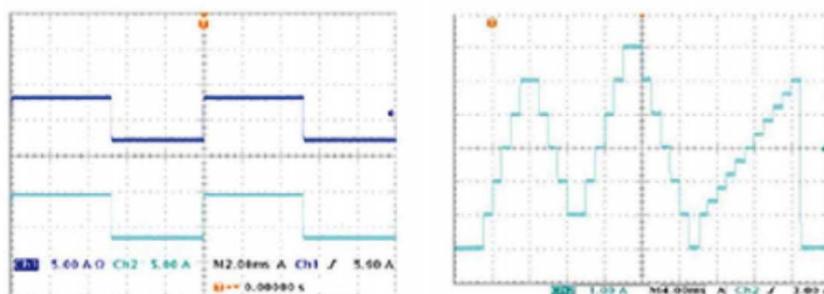
PEL-9150S系列电子负载，是一款用于模拟低压大功率产品负载变化的专用精密仪器。可应用于大功率开关电源、电源装置设备、动力电池组和电子元器件测试的负载模拟。本系列产品的多项功能为测试大功率电源及电子产品，提供了完整的解决方案。

PEL-9150S系列电子负载有多款型号选择，方便工程技术人员选用最适合的负载设备。负载功率从1.2KW到40KW，负载电流最高达1500A，工作电压0-150V，可用于各种低压大功率电子产品的测试。

PEL-9150S系列负载提供四种静态加载模式：恒电流模式(CC)和恒电阻模式(CR)适用于传统开关电源负载仿真，恒电压模式(CV)适用于电池充电器及恒流输出电源负载仿真，恒功率模式(CP)可作为动力电池组和储能装置负载的模拟。

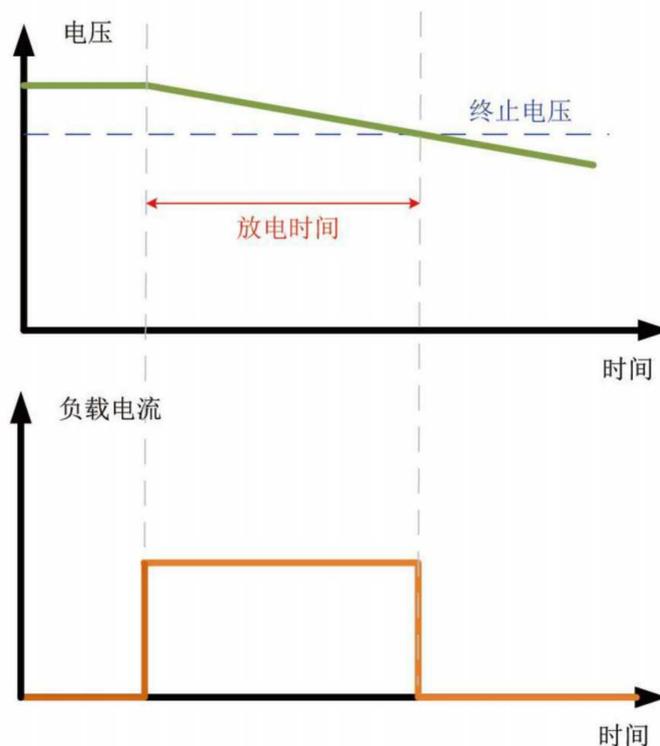


PEL-9150S系列电子负载不仅能够模拟高速动态负载变化，变化频率可达20KHz，而且可仿真更严格的动态负载变化，如：阶梯负载变化、脉冲负载变化等。更能够检验被测产品的带载特性。



PEL-9150S系列电子负载具有1000组数据存储能力，可编程自动运行多组负载切换；搭配16位A/D转换芯片，具备高精度的电压、电流检测，所有数据均显示在5" TFT彩屏。标配RS-232C接口，可选配GPIB远程控制接口，利于系统集成。

PEL-9150S系列电子负载还可以用于仿真动力电池放电。设定电池放电负载大小，采用恒功率(CP)加载模式，即可仿真电池放电特性。透过精准量测回路，量取电池截止放电电压，计算出电池放电到截止电压点所需时间。



PEL-9150S系列电子负载提供软件校准功能，日常维护变得更加简单。它还具有OP、OV、OC、OT和正负级反向告警功能，保证本产品运行更加稳定和安全，是工程测试及自动测试系统集成得以信赖的产品。

Model	PEL-9150S1212		PEL-9150S1818		PEL-9150S2424	
Power	120W	1200W	180W	1800W	240W	2400W
Voltage Range	0-15V	0-150V	0-15V	0-150V	0-15V	0-150V
Current Range	0-12A	0-120A	0-18A	0-180A	0-24A	0-240A
CC Mode						
Range	0-12A	0-120A	0-18A	0-180A	0-24A	0-240A
Accuracy	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS
CR Mode						
Range	0.025Ω ~ 250Ω	0.1Ω ~ 5KΩ	0.0175Ω ~ 175Ω	0.07Ω ~ 3.5KΩ	0.0125Ω ~ 125Ω	0.05Ω ~ 2.5KΩ
Accuracy	Vin/Rset*(0.2%)+0.2%IF.S		Vin/Rset*(0.2%)+0.2%IF.S		Vin/Rset*(0.2%)+0.2%IF.S	
CV Mode						
Range	0-15V	0-150V	0-15V	0-150V	0-15V	0-150V
Accuracy	0.05%+0.05%FS		0.05%+0.05%FS		0.05%+0.05%FS	
CP Mode						
Range	0-120W	0-1200W	0-180W	0-1800W	0-240W	0-2400W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
Dynamic Mode						
T1&T2	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S
Slew Rate	2mA-0.4A/uS	20mA-4A/uS	2.5mA-0.5A/uS	25mA-5A/uS	4mA-0.8A/uS	40mA-8A/uS
Accuracy	10%±20uS		10%±20uS		10%±20uS	
Measure Function						
Voltage Range	0-15V	0-150V	0-15V	0-150V	0-15V	0-150V
Accuracy	0.025%+0.05%FS		0.025%+0.05%FS		0.025%+0.05%FS	
Current Range	0-12A	0-120A	0-18A	0-180A	0-24A	0-240A
Accuracy	0.05%+0.1%FS		0.05%+0.1%FS		0.05%+0.1%FS	
Power Range	0-120W	0-1200W	0-180W	0-1800W	0-240W	0-2400W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
General Parameter						
Short Current	120A		180A		240A	
Size (W*H*D) mm	425 X 175 X 640		425 X 175 X 640		425 X 175 X 640	
Weight (Kg)	20		24		28	

Model	PEL-9150S3030		PEL-9150S6060		PEL-9150S9090	
Power	300W	3000W	600W	6000W	900W	9000W
Voltage Range	0-15V	0-150V	0-15V	0-150V	0-15V	0-150V
Current Range	0-30A	0-300A	0-60A	0-600A	0-90A	0-900A
CC Mode						
Range	0-30A	0-300A	0-60A	0-600A	0-90A	0-900A
Accuracy	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS
CR Mode						
Range	0.01Ω ~ 100Ω	0.04Ω ~ 2KΩ	0.005Ω ~ 50Ω	0.02Ω ~ 1KΩ	0.004Ω ~ 35Ω	0.015Ω ~ 700Ω
Accuracy	Vin/Rset*(0.2%)+0.2%IF.S		Vin/Rset*(0.2%)+0.2%IF.S		Vin/Rset*(0.2%)+0.2%IF.S	
CV Mode						
Range	0-15V	0-150V	0-15V	0-150V	0-15V	0-150V
Accuracy	0.05%+0.05%FS		0.05%+0.05%FS		0.05%+0.05%FS	
CP Mode						
Range	0-300W	0-3000W	0-600W	0-6000W	0-900W	0-9000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
Dynamic Mode						
T1&T2	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S
Slew Rate	5mA-1A/uS	50mA-10A/uS	10mA-2A/uS	0.1A-20A/uS	14mA-2.8A/uS	0.14A-28A/uS
Accuracy	10%±20uS		10%±20uS		10%±20uS	
Measure Function						
Voltage Range	0-15V	0-150V	0-15V	0-150V	0-15V	0-150V
Accuracy	0.025%+0.05%FS		0.025%+0.05%FS		0.025%+0.05%FS	
Current Range	0-30A	0-300A	0-60A	0-600A	0-90A	0-900A
Accuracy	0.05%+0.1%FS		0.05%+0.1%FS		0.05%+0.1%FS	
Power Range	0-300W	0-3000W	0-600W	0-6000W	0-900W	0-9000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
General Parameter						
Short Current	300A		600A		900A	
Size (W*H*D) mm	425 X 175 X 640		425 X 350 X 640		550 X 635 X 720	
Weight (Kg)	32		64		116	

Model	PEL-9150S120120		PEL-9150S150150		PEL-9150S180120	
Power	1200W	12000W	1500W	15000W	1800W	18000W
Voltage Range	0-15V	0-150V	0-15V	0-150V	0-15V	0-150V
Current Range	0-120A	0-1200A	0-150A	0-1500A	0-120A	0-1200A
CC Mode						
Range	0-120A	0-1200A	0-150A	0-1500A	0-120A	0-1200A
Accuracy	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS
CR Mode						
Range	0.0025Ω ~ 25Ω	0.01Ω ~ 500Ω	0.002Ω ~ 20Ω	0.008Ω ~ 400Ω	0.0025Ω ~ 25Ω	0.01Ω ~ 500Ω
Accuracy	Vin/Rset*(0.2%)+0.2%IFS		Vin/Rset*(0.2%)+0.2%IFS		Vin/Rset*(0.2%)+0.2%IFS	
CV Mode						
Range	0-15V	0-150V	0-15V	0-150V	0-15V	0-150V
Accuracy	0.05%+0.05%FS		0.05%+0.05%FS		0.05%+0.05%FS	
CP Mode						
Range	0-1200W	0-12000W	0-1500W	0-15000W	0-1800W	0-18000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
Dynamic Mode						
T1&T2	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S
Slew Rate	20mA-4A/uS	0.2A-40A/uS	25mA-5A/uS	0.25A-50A/uS	20mA-4A/uS	0.2A-40A/uS
Accuracy	10%±20uS		10%±20uS		10%±20uS	
Measure Function						
Voltage Range	0-15V	0-150V	0-15V	0-150V	0-15V	0-150V
Accuracy	0.025%+0.05%FS		0.025%+0.05%FS		0.025%+0.05%FS	
Current Range	0-120A	0-1200A	0-150A	0-1500A	0-120A	0-1200A
Accuracy	0.05%+0.1%FS		0.05%+0.1%FS		0.05%+0.1%FS	
Power Range	0-1200W	0-12000W	0-1500W	0-15000W	0-1800W	0-18000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
General Parameter						
Short Current	1200A		1500A		1200A	
Size (W*H*D) mm	550 X 810 X 720		550 X 990 X 720		550 X 1165 X 720	
Weight (Kg)	153		202		242	

Model	PEL-9150S240120		PEL-9150S300120		PEL-9150S400120	
Power	2400W	24000W	3000W	30000W	4000W	40000W
Voltage Range	0-15V	0-150V	0-15V	0-150V	0-15V	0-150V
Current Range	0-120A	0-1200A	0-120A	0-1200A	0-120A	0-1200A
CC Mode						
Range	0-120A	0-1200A	0-120A	0-1200A	0-120A	0-1200A
Accuracy	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS
CR Mode						
Range	0.0025Ω ~ 25Ω	0.01Ω ~ 500Ω	0.0025Ω ~ 25Ω	0.01Ω ~ 500Ω	0.0025Ω ~ 25Ω	0.01Ω ~ 500Ω
Accuracy	Vin/Rset*(0.2%)+0.2%IFS		Vin/Rset*(0.2%)+0.2%IFS		Vin/Rset*(0.2%)+0.2%IFS	
CV Mode						
Range	0-15V	0-150V	0-15V	0-150V	0-15V	0-150V
Accuracy	0.05%+0.05%FS		0.05%+0.05%FS		0.05%+0.05%FS	
CP Mode						
Range	0-2400W	0-24000W	0-3000W	0-30000W	0-4000W	0-40000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
Dynamic Mode						
T1&T2	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S
Slew Rate	20mA-4A/uS	0.2A-40A/uS	20mA-4A/uS	0.2A-40A/uS	20mA-4A/uS	0.2A-40A/uS
Accuracy	10%±20uS		10%±20uS		10%±20uS	
Measure Function						
Voltage Range	0-15V	0-150V	0-15V	0-150V	0-15V	0-150V
Accuracy	0.025%+0.05%FS		0.025%+0.05%FS		0.025%+0.05%FS	
Current Range	0-120A	0-1200A	0-120A	0-1200A	0-120A	0-1200A
Accuracy	0.05%+0.1%FS		0.05%+0.1%FS		0.05%+0.1%FS	
Power Range	0-2400W	0-24000W	0-3000W	0-30000W	0-4000W	0-40000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
General Parameter						
Short Current	1200A		1200A		1200A	
Size (W*H*D) mm	550 X 1520 X 720		880 X 1520 X 720		880 X 1680 X 720	
Weight (Kg)	316		400		496	

Model	PEL-9600S124.8		PEL-9600S187.2		PEL-9600S249.6	
Power	120W	1200W	180W	1800W	240W	2400W
Voltage Range	0-60V	0-600V	0-60V	0-600V	0-60V	0-600V
Current Range	0-4.8A	0-48A	0-7.2A	0-72A	0-9.6A	0-96A
CC Mode						
Range	0-4.8A	0-48A	0-7.2A	0-72A	0-9.6A	0-96A
Accuracy	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS
CR Mode						
Range	0.4Ω~4KΩ	17.5Ω~8KΩ	0.26Ω~2.8KΩ	11Ω~8KΩ	0.2Ω~2KΩ	8.75Ω~8KΩ
Accuracy	Vin/Rset*(0.2%)+0.2%IFS		Vin/Rset*(0.2%)+0.2%IFS		Vin/Rset*(0.2%)+0.2%IFS	
CV Mode						
Range	0-60V	0-600V	0-60V	0-600V	0-60V	0-600V
Accuracy	0.05%+0.05%FS		0.05%+0.05%FS		0.05%+0.05%FS	
CP Mode						
Range	0-120W	0-1200W	0-180W	0-1800W	0-240W	0-2400W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
Dynamic Mode						
T1&T2	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S
Slew Rate	0.8mA-160mA/uS	8mA-1.6A/uS	1.2mA-240mA/uS	12mA-2.4A/uS	1.6mA-320mA/uS	16mA-3.2A/uS
Accuracy	10%±20uS		10%±20uS		10%±20uS	
Measure Function						
Voltage Range	0-60V	0-600V	0-60V	0-600V	0-60V	0-600V
Accuracy	0.025%+0.05%FS		0.025%+0.05%FS		0.025%+0.05%FS	
Current Range	0-4.8A	0-48A	0-7.2A	0-72A	0-9.6A	0-96A
Accuracy	0.05%+0.1%FS		0.05%+0.1%FS		0.05%+0.1%FS	
Power Range	0-120W	0-1200W	0-180W	0-1800W	0-240W	0-2400W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
General Parameter						
Short Current	48A		72A		96A	
Size (W*H*D) mm	425 X 175 X 640		425 X 175 X 640		425 X 175 X 640	
Weight (Kg)	20		24		28	

Model	PEL-9600S3012		PEL-9600S6024		PEL-9600S9036	
Power	300W	3000W	600W	6000W	900W	9000W
Voltage Range	0-60V	0-600V	0-60V	0-600V	0-60V	0-600V
Current Range	0-12A	0-120A	0-24A	0-240A	0-36A	0-360A
CC Mode						
Range	0-12A	0-120A	0-24A	0-240A	0-36A	0-360A
Accuracy	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS
CR Mode						
Range	0.16Ω~1.7KΩ	7Ω~8KΩ	0.08Ω~850Ω	3.5Ω~7KΩ	0.055Ω~500Ω	2.3Ω~4.5KΩ
Accuracy	Vin/Rset*(0.2%)+0.2%IFS		Vin/Rset*(0.2%)+0.2%IFS		Vin/Rset*(0.2%)+0.2%IFS	
CV Mode						
Range	0-60V	0-600V	0-60V	0-600V	0-60V	0-600V
Accuracy	0.05%+0.05%FS		0.05%+0.05%FS		0.05%+0.05%FS	
CP Mode						
Range	0-300W	0-3000W	0-600W	0-6000W	0-900W	0-9000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
Dynamic Mode						
T1&T2	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S
Slew Rate	2mA-0.4A/uS	20mA-4A/uS	4mA-0.8A/uS	40mA-8A/uS	6mA-1.2A/uS	60mA-12A/uS
Accuracy	10%±20uS		10%±20uS		10%±20uS	
Measure Function						
Voltage Range	0-60V	0-600V	0-60V	0-600V	0-60V	0-600V
Accuracy	0.025%+0.05%FS		0.025%+0.05%FS		0.025%+0.05%FS	
Current Range	0-12A	0-120A	0-24A	0-240A	0-36A	0-360A
Accuracy	0.05%+0.1%FS		0.05%+0.1%FS		0.05%+0.1%FS	
Power Range	0-300W	0-3000W	0-600W	0-6000W	0-900W	0-9000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
General Parameter						
Short Current	120A		240A		360A	
Size (W*H*D) mm	425 X 175 X 640		425 X 350 X 640		550 X 635 X 720	
Weight (Kg)	32		64		116	

Model	PEL-9600S12048		PEL-9600S15060		PEL-9600S18072	
Power	1200W	12000W	1500W	15000W	1800W	18000W
Voltage Range	0-60V	0-600V	0-60V	0-600V	0-60V	0-600V
Current Range	0-48A	0-480A	0-60A	0-600A	0-72A	0-720A
CC Mode						
Range	0-48A	0-480A	0-60A	0-600A	0-72A	0-720A
Accuracy	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS
CR Mode						
Range	0.04Ω~425Ω	1.75Ω~3.5KΩ	0.032Ω~340Ω	1.4Ω~2.8KΩ	0.026Ω~285Ω	1.16Ω~2.3KΩ
Accuracy	Vin/Rset*(0.2%)+0.2%IFS		Vin/Rset*(0.2%)+0.2%IFS		Vin/Rset*(0.2%)+0.2%IFS	
CV Mode						
Range	0-60V	0-600V	0-60V	0-600V	0-60V	0-600V
Accuracy	0.05%+0.05%FS		0.05%+0.05%FS		0.05%+0.05%FS	
CP Mode						
Range	0-1200W	0-12000W	0-1500W	0-15000W	0-1800W	0-18000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
Dynamic Mode						
T1&T2	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S
Slew Rate	8mA-1.6A/uS	80mA-16A/uS	10mA-2A/uS	0.1A-20A/uS	12mA-2.4A/uS	0.12A-24A/uS
Accuracy	10%±20uS		10%±20uS		10%±20uS	
Measure Function						
Voltage Range	0-60V	0-600V	0-60V	0-600V	0-60V	0-600V
Accuracy	0.025%+0.05%FS		0.025%+0.05%FS		0.025%+0.05%FS	
Current Range	0-48A	0-480A	0-60A	0-600A	0-72A	0-720A
Accuracy	0.05%+0.1%FS		0.05%+0.1%FS		0.05%+0.1%FS	
Power Range	0-1200W	0-12000W	0-1500W	0-15000W	0-1800W	0-18000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
General Parameter						
Short Current	480A		600A		720A	
Size (W*H*D) mm	550 X 810 X 720		550 X 990 X 720		550 X 1165 X 720	
Weight (Kg)	153		202		242	

Model	PEL-9600S24096		PEL-9600S300120		PEL-9600S400120	
Power	2400W	24000W	3000W	30000W	4000W	40000W
Voltage Range	0-60V	0-600V	0-60V	0-600V	0-60V	0-600V
Current Range	0-96A	0-960A	0-120A	0-1200A	0-120A	0-1200A
CC Mode						
Range	0-96A	0-960A	0-120A	0-1200A	0-120A	0-1200A
Accuracy	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS
CR Mode						
Range	0.02Ω~210Ω	0.875Ω~1.7KΩ	0.016Ω~170Ω	0.7Ω~1.4KΩ	0.016Ω~170Ω	0.7Ω~1.4KΩ
Accuracy	Vin/Rset*(0.2%)+0.2%IFS		Vin/Rset*(0.2%)+0.2%IFS		Vin/Rset*(0.2%)+0.2%IFS	
CV Mode						
Range	0-60V	0-600V	0-60V	0-600V	0-60V	0-600V
Accuracy	0.05%+0.05%FS		0.05%+0.05%FS		0.05%+0.05%FS	
CP Mode						
Range	0-2400W	0-24000W	0-3000W	0-30000W	0-4000W	0-40000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
Dynamic Mode						
T1&T2	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S
Slew Rate	16mA-3.2A/uS	0.16A-32A/uS	20mA-4A/uS	0.2A-40A/uS	20mA-4A/uS	0.2A-40A/uS
Accuracy	10%±20uS		10%±20uS		10%±20uS	
Measure Function						
Voltage Range	0-60V	0-600V	0-60V	0-600V	0-60V	0-600V
Accuracy	0.025%+0.05%FS		0.025%+0.05%FS		0.025%+0.05%FS	
Current Range	0-96A	0-960A	0-120A	0-1200A	0-120A	0-1200A
Accuracy	0.05%+0.1%FS		0.05%+0.1%FS		0.05%+0.1%FS	
Power Range	0-2400W	0-24000W	0-3000W	0-30000W	0-4000W	0-40000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
General Parameter						
Short Current	960A		1200A		1200A	
Size (W*H*D) mm	550 X 1520 X 720		880 X 1520 X 720		880 X 1680 X 720	
Weight (Kg)	316		400		496	

Model	PEL-9800S124.8		PEL-9800S187.2		PEL-9800S249.6	
Power	120W	1200W	180W	1800W	240W	2400W
Voltage Range	0-80V	0-800V	0-80V	0-800V	0-80V	0-800V
Current Range	0-4.8A	0-48A	0-7.2A	0-72A	0-9.6A	0-96A
CC Mode						
Range	0-4.8A	0-48A	0-7.2A	0-72A	0-9.6A	0-96A
Accuracy	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS
CR Mode						
Range	0.4Ω~4KΩ	17.5Ω~8KΩ	0.26Ω~2.8KΩ	11Ω~8KΩ	0.2Ω~2KΩ	8.75Ω~8KΩ
Accuracy	Vin/Rset*(0.2%)+0.2%IFS		Vin/Rset*(0.2%)+0.2%IFS		Vin/Rset*(0.2%)+0.2%IFS	
CV Mode						
Range	0-80V	0-800V	0-80V	0-800V	0-80V	0-800V
Accuracy	0.05%+0.05%FS		0.05%+0.05%FS		0.05%+0.05%FS	
CP Mode						
Range	0-120W	0-1200W	0-180W	0-1800W	0-240W	0-2400W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
Dynamic Mode						
T1&T2	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S
Slew Rate	0.8mA-160mA/uS	8mA-1.6A/uS	1.2mA-240mA/uS	12mA-2.4A/uS	1.6mA-320mA/uS	16mA-3.2A/uS
Accuracy	10%±20uS		10%±20uS		10%±20uS	
Measure Function						
Voltage Range	0-80V	0-800V	0-80V	0-800V	0-80V	0-800V
Accuracy	0.025%+0.05%FS		0.025%+0.05%FS		0.025%+0.05%FS	
Current Range	0-4.8A	0-48A	0-7.2A	0-72A	0-9.6A	0-96A
Accuracy	0.05%+0.1%FS		0.05%+0.1%FS		0.05%+0.1%FS	
Power Range	0-120W	0-1200W	0-180W	0-1800W	0-240W	0-2400W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
General Parameter						
Short Current	48A		72A		96A	
Size (W*H*D) mm	425 X 175 X 640		425 X 175 X 640		425 X 175 X 640	
Weight (Kg)	20		24		28	

Model	PEL-9800S3012		PEL-9800S6024		PEL-9800S9036	
Power	300W	3000W	600W	6000W	900W	9000W
Voltage Range	0-80V	0-800V	0-80V	0-800V	0-80V	0-800V
Current Range	0-12A	0-120A	0-24A	0-240A	0-36A	0-360A
CC Mode						
Range	0-12A	0-120A	0-24A	0-240A	0-36A	0-360A
Accuracy	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS
CR Mode						
Range	0.16Ω~1.7KΩ	7Ω~8KΩ	0.08Ω~850Ω	3.5Ω~7KΩ	0.055Ω~500Ω	2.3Ω~4.5KΩ
Accuracy	Vin/Rset*(0.2%)+0.2%IFS		Vin/Rset*(0.2%)+0.2%IFS		Vin/Rset*(0.2%)+0.2%IFS	
CV Mode						
Range	0-80V	0-800V	0-80V	0-800V	0-80V	0-800V
Accuracy	0.05%+0.05%FS		0.05%+0.05%FS		0.05%+0.05%FS	
CP Mode						
Range	0-300W	0-3000W	0-800W	0-8000W	0-900W	0-9000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
Dynamic Mode						
T1&T2	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S
Slew Rate	2mA-0.4A/uS	20mA-4A/uS	4mA-0.8A/uS	40mA-8A/uS	6mA-1.2A/uS	60mA-12A/uS
Accuracy	10%±20uS		10%±20uS		10%±20uS	
Measure Function						
Voltage Range	0-80V	0-800V	0-80V	0-800V	0-80V	0-800V
Accuracy	0.025%+0.05%FS		0.025%+0.05%FS		0.025%+0.05%FS	
Current Range	0-12A	0-120A	0-24A	0-240A	0-36A	0-360A
Accuracy	0.05%+0.1%FS		0.05%+0.1%FS		0.05%+0.1%FS	
Power Range	0-300W	0-3000W	0-800W	0-8000W	0-900W	0-9000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
General Parameter						
Short Current	120A		240A		360A	
Size (W*H*D) mm	425 X 175 X 640		425 X 350 X 640		550 X 635 X 720	
Weight (Kg)	32		64		116	

Model	PEL-9800S12048		PEL-9800S15060		PEL-9800S18072	
Power	1200W	12000W	1500W	15000W	1800W	18000W
Voltage Range	0-80V	0-800V	0-80V	0-800V	0-80V	0-800V
Current Range	0-48A	0-480A	0-60A	0-600A	0-72A	0-720A
CC Mode						
Range	0-48A	0-480A	0-80A	0-800A	0-72A	0-720A
Accuracy	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS
CR Mode						
Range	0.04Ω~425Ω	1.75Ω~3.5KΩ	0.032Ω~340Ω	1.4Ω~2.8KΩ	0.026Ω~285Ω	1.16Ω~2.3KΩ
Accuracy	Vin/Rset*(0.2%)+0.2%IFS		Vin/Rset*(0.2%)+0.2%IFS		Vin/Rset*(0.2%)+0.2%IFS	
CV Mode						
Range	0-80V	0-800V	0-80V	0-800V	0-80V	0-800V
Accuracy	0.05%+0.05%FS		0.05%+0.05%FS		0.05%+0.05%FS	
CP Mode						
Range	0-1200W	0-12000W	0-1500W	0-15000W	0-1800W	0-18000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
Dynamic Mode						
T1&T2	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S
Slew Rate	8mA-1.6A/uS	80mA-16A/uS	10mA-2A/uS	0.1A-20A/uS	12mA-2.4A/uS	0.12A-24A/uS
Accuracy	10%±20uS		10%±20uS		10%±20uS	
Measure Function						
Voltage Range	0-80V	0-800V	0-80V	0-800V	0-80V	0-800V
Accuracy	0.025%+0.05%FS		0.025%+0.05%FS		0.025%+0.05%FS	
Current Range	0-48A	0-480A	0-80A	0-800A	0-72A	0-720A
Accuracy	0.05%+0.1%FS		0.05%+0.1%FS		0.05%+0.1%FS	
Power Range	0-1200W	0-12000W	0-1500W	0-15000W	0-1800W	0-18000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
General Parameter						
Short Current	480A		600A		720A	
Size (W*H*D) mm	550 X 810 X 720		550 X 990 X 720		550 X 1165 X 720	
Weight (Kg)	153		202		242	

Model	PEL-9800S24096		PEL-9800S300120		PEL-9800S400120	
Power	2400W	24000W	3000W	30000W	4000W	40000W
Voltage Range	0-80V	0-800V	0-80V	0-800V	0-80V	0-800V
Current Range	0-96A	0-960A	0-120A	0-1200A	0-120A	0-1200A
CC Mode						
Range	0-96A	0-960A	0-120A	0-1200A	0-120A	0-1200A
Accuracy	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS
CR Mode						
Range	0.02Ω~210Ω	0.875Ω~1.7KΩ	0.016Ω~170Ω	0.7Ω~1.4KΩ	0.016Ω~170Ω	0.7Ω~1.4KΩ
Accuracy	Vin/Rset*(0.2%)+0.2%IFS		Vin/Rset*(0.2%)+0.2%IFS		Vin/Rset*(0.2%)+0.2%IFS	
CV Mode						
Range	0-80V	0-800V	0-80V	0-800V	0-80V	0-800V
Accuracy	0.05%+0.05%FS		0.05%+0.05%FS		0.05%+0.05%FS	
CP Mode						
Range	0-2400W	0-24000W	0-3000W	0-30000W	0-4000W	0-40000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
Dynamic Mode						
T1&T2	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S
Slew Rate	16mA-3.2A/uS	0.16A-32A/uS	20mA-4A/uS	0.2A-40A/uS	20mA-4A/uS	0.2A-40A/uS
Accuracy	10%±20uS		10%±20uS		10%±20uS	
Measure Function						
Voltage Range	0-80V	0-800V	0-80V	0-800V	0-80V	0-800V
Accuracy	0.025%+0.05%FS		0.025%+0.05%FS		0.025%+0.05%FS	
Current Range	0-96A	0-960A	0-120A	0-1200A	0-120A	0-1200A
Accuracy	0.05%+0.1%FS		0.05%+0.1%FS		0.05%+0.1%FS	
Power Range	0-2400W	0-24000W	0-3000W	0-30000W	0-4000W	0-40000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
General Parameter						
Short Current	960A		1200A		1200A	
Size (W*H*D) mm	550 X 1520 X 720		880 X 1520 X 720		880 X 1680 X 720	
Weight (Kg)	316		400		496	

Model	PEL-91200S3012		PEL-91200S6024		PEL-91200S9036	
Power	300W	3000W	600W	6000W	900W	9000W
Voltage Range	0-120V	0-1200V	0-120V	0-1200V	0-120V	0-1200V
Current Range	0-12A	0-120A	0-24A	0-240A	0-36A	0-360A
CC Mode						
Range	0-12A	0-120A	0-24A	0-240A	0-36A	0-360A
Accuracy	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS
CR Mode						
Range	0.32Ω~3.4KΩ	14Ω~8KΩ	0.16Ω~1.7KΩ	7Ω~8KΩ	0.11Ω~1KΩ	4.6Ω~8KΩ
Accuracy	Vin/Rset*(0.2%)+0.2%IFS		Vin/Rset*(0.2%)+0.2%IFS		Vin/Rset*(0.2%)+0.2%IFS	
CV Mode						
Range	0-120V	0-1200V	0-120V	0-1200V	0-120V	0-1200V
Accuracy	0.05%+0.05%FS		0.05%+0.05%FS		0.05%+0.05%FS	
CP Mode						
Range	0-300W	0-3000W	0-1200W	0-12000W	0-900W	0-9000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
Dynamic Mode						
T1&T2	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S
Slew Rate	2mA-0.4A/uS	20mA-4A/uS	4mA-0.8A/uS	40mA-8A/uS	6mA-1.2A/uS	60mA-12A/uS
Accuracy	10%±20uS		10%±20uS		10%±20uS	
Measure Function						
Voltage Range	0-120V	0-1200V	0-120V	0-1200V	0-120V	0-1200V
Accuracy	0.025%+0.05%FS		0.025%+0.05%FS		0.025%+0.05%FS	
Current Range	0-12A	0-120A	0-24A	0-240A	0-36A	0-360A
Accuracy	0.05%+0.1%FS		0.05%+0.1%FS		0.05%+0.1%FS	
Power Range	0-300W	0-3000W	0-1200W	0-12000W	0-900W	0-9000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
General Parameter						
Short Current	120A		240A		360A	
Size (W*H*D) mm	425 X 175 X 640		425 X 350 X 640		550 X 635 X 720	
Weight (Kg)	32		64		116	

Model	PEL-91200S12048		PEL-91200S15060		PEL-91200S18072	
Power	1200W	12000W	1500W	15000W	1800W	18000W
Voltage Range	0-120V	0-1200V	0-120V	0-1200V	0-120V	0-1200V
Current Range	0-48A	0-480A	0-60A	0-600A	0-72A	0-720A
CC Mode						
Range	0-48A	0-480A	0-120A	0-1200A	0-72A	0-720A
Accuracy	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS
CR Mode						
Range	0.08Ω~850Ω	3.5Ω~7KΩ	0.064Ω~680Ω	2.8Ω~5.6KΩ	0.052Ω~570Ω	2.32Ω~4.6KΩ
Accuracy	Vin/Rset*(0.2%)+0.2%IFS		Vin/Rset*(0.2%)+0.2%IFS		Vin/Rset*(0.2%)+0.2%IFS	
CV Mode						
Range	0-120V	0-1200V	0-120V	0-1200V	0-120V	0-1200V
Accuracy	0.05%+0.05%FS		0.05%+0.05%FS		0.05%+0.05%FS	
CP Mode						
Range	0-1200W	0-12000W	0-1500W	0-15000W	0-1800W	0-18000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
Dynamic Mode						
T1&T2	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S
Slew Rate	8mA-1.6A/uS	80mA-16A/uS	10mA-2A/uS	0.1A-20A/uS	12mA-2.4A/uS	0.12A-24A/uS
Accuracy	10%±20uS		10%±20uS		10%±20uS	
Measure Function						
Voltage Range	0-120V	0-1200V	0-120V	0-1200V	0-120V	0-1200V
Accuracy	0.025%+0.05%FS		0.025%+0.05%FS		0.025%+0.05%FS	
Current Range	0-48A	0-480A	0-120A	0-1200A	0-72A	0-720A
Accuracy	0.05%+0.1%FS		0.05%+0.1%FS		0.05%+0.1%FS	
Power Range	0-1200W	0-12000W	0-1500W	0-15000W	0-1800W	0-18000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
General Parameter						
Short Current	480A		600A		720A	
Size (W*H*D) mm	550 X 810 X 720		550 X 990 X 720		550 X 1165 X 720	
Weight (Kg)	153		202		242	

Model	PEL-91200S24096		PEL-91200S300120		PEL-91200S400120	
Power	2400W	24000W	3000W	30000W	4000W	40000W
Voltage Range	0-120V	0-1200V	0-120V	0-1200V	0-120V	0-1200V
Current Range	0-96A	0-960A	0-120A	0-1200A	0-120A	0-1200A
<b>CC Mode</b>						
Range	0-96A	0-960A	0-120A	0-1200A	0-120A	0-1200A
Accuracy	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS
<b>CR Mode</b>						
Range	0.04Ω ~ 420Ω	1.75Ω ~ 3.4KΩ	0.032Ω ~ 340Ω	1.4Ω ~ 2.8KΩ	0.032Ω ~ 340Ω	1.4Ω ~ 2.8KΩ
Accuracy	Vin/Rset*(0.2%)+0.2%IFS		Vin/Rset*(0.2%)+0.2%IFS		Vin/Rset*(0.2%)+0.2%IFS	
<b>CV Mode</b>						
Range	0-120V	0-1200V	0-120V	0-1200V	0-120V	0-1200V
Accuracy	0.05%+0.05%FS		0.05%+0.05%FS		0.05%+0.05%FS	
<b>CP Mode</b>						
Range	0-2400W	0-24000W	0-3000W	0-30000W	0-4000W	0-40000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
<b>Dynamic Mode</b>						
T1&T2	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S
Slew Rate	16mA-3.2A/uS	0.16A-32A/uS	20mA-4A/uS	0.2A-40A/uS	20mA-4A/uS	0.2A-40A/uS
Accuracy	10%±20uS		10%±20uS		10%±20uS	
Measure Function	Measure Function		Measure Function		Measure Function	
Voltage Range	0-120V	0-1200V	0-120V	0-1200V	0-120V	0-1200V
Accuracy	0.025%+0.05%FS		0.025%+0.05%FS		0.025%+0.05%FS	
Current Range	0-96A	0-960A	0-120A	0-1200A	0-120A	0-1200A
Accuracy	0.05%+0.1%FS		0.05%+0.1%FS		0.05%+0.1%FS	
Power Range	0-2400W	0-24000W	0-3000W	0-30000W	0-4000W	0-40000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
<b>General Parameter</b>						
Short Current	960A		1200A		1200A	
Size (W*H*D) mm	550 X 1520 X 720		880 X 1520 X 720		880X1680 X 720	
Weight (Kg)	316		400		496	