

Features

- ✓ Rated power 1200W 2400W 3kW 4kW 5kW
- ✓ Rated voltage from 6V to 600V
- ✓ 2U rack mount cabinet design
- ✓ 4 digits LED display for voltage and current
- ✓ Low ripple, high stability
- ✓ List mode function, Auto Run function, Remote sensing function
- ✓ **No overshoot during startup**
- ✓ **Soft start by hardware, and adjustable voltage rise time by software**
- ✓ Remote ON/OFF control
- ✓ Preset function, setting of voltage and current with output open circuit
- ✓ Multiple protections: OVP, OTP, ACF and current limit protections
- ✓ Standard interface: RS232 & RS485, support ModBus-RTU commands
- ✓ Optional interface: DC 0-5V, 0-10V or 4-20mA analog interface for control and feedback; **LAN interface**

High Power DC Power Supply



Product Photos (2U frame for 1.2kW~5kW)



(220Vac input for 2.4kW~3kW)



(380Vac input for 4kW~5kW)

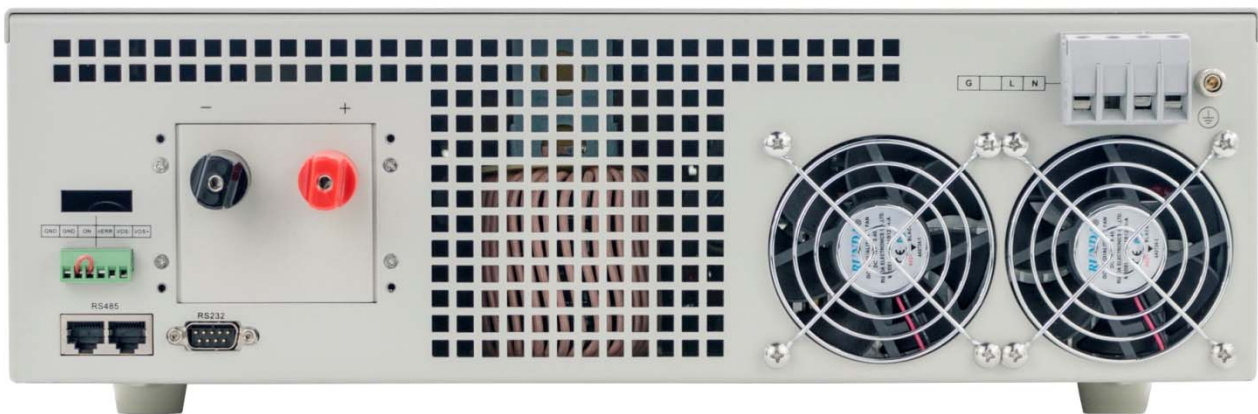
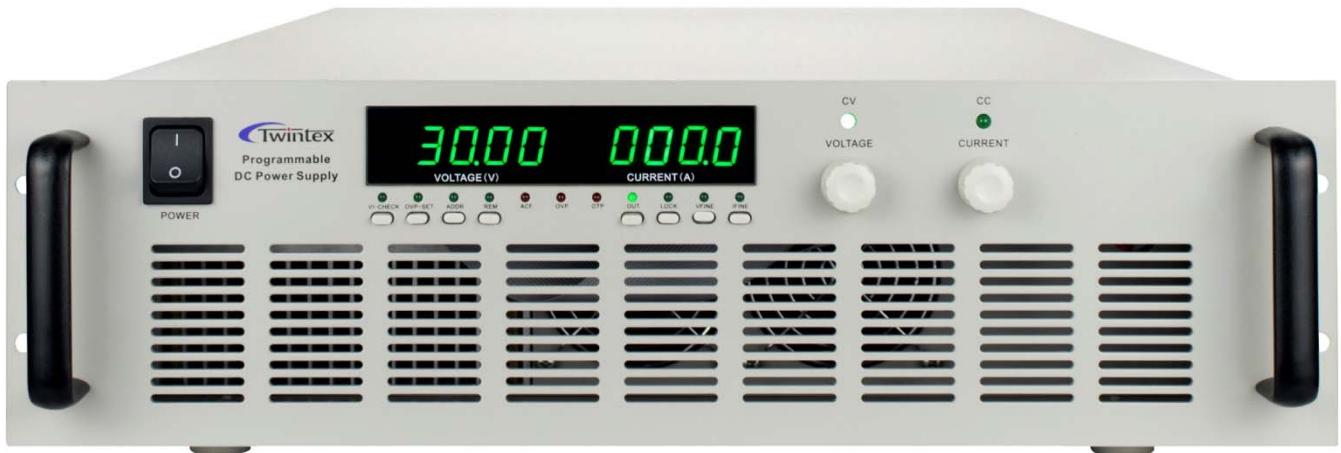
TWINTEX · www.twintex.com.tw

Taipei, Taiwan: Tel: +886-02-2915 0101 · Fax: +886-02-2916 0101
Shenzhen, China: Tel.: +86-755-2812 9890 · Fax: +86-755-2814 9802

High Power DC Power Supply



Product Photos (3U frame)



(220Vac input for 4kW~5kW)

TWINTeX • www.twintex.com.tw

Taipei, Taiwan: Tel: +886-02-2915 0101 • Fax: +886-02-2916 0101
Shenzhen, China: Tel.: +86-755-2812 9890 • Fax: +86-755-2814 9802

High Power DC Power Supply



Model	Rated Output			Model	Rated Output		
	V	A	W		V	A	W
PCL1200-6	0~6V	0~200A	1200W				
PCL1200-12	0~12V	0~100A	1200W	PCL2400-12	0~12V	0~200A	2400W
PCL1200-15	0~15V	0~80A	1200W	PCL2400-20	0~20V	0~120A	2400W
PCL1200-20	0~20V	0~60A	1200W	PCL2400-30	0~30V	0~80A	2400W
PCL1200-30	0~30V	0~40A	1200W	PCL2400-40	0~40V	0~60A	2400W
PCL1200-60	0~60V	0~20A	1200W	PCL2400-60	0~60V	0~40A	2400W
PCL1200-1H	0~100V	0~12A	1200W	PCL2400-1H	0~100V	0~24A	2400W
PCL1200-120	0~120V	0~10A	1200W	PCL2400-120	0~120V	0~20A	2400W
PCL1200-150	0~150V	0~8A	1200W	PCL2400-150	0~150V	0~16A	2400W
PCL1200-2H	0~200V	0~6A	1200W	PCL2400-2H	0~200V	0~12A	2400W
PCL1200-3H	0~300V	0~4A	1200W	PCL2400-3H	0~300V	0~8A	2400W
PCL1200-4H	0~400V	0~3A	1200W	PCL2400-4H	0~400V	0~6A	2400W
PCL1200-5H	0~500V	0~2.4A	1200W	PCL2400-5H	0~500V	0~4.8A	2400W
PCL1200-6H	0~600V	0~2A	1200W	PCL2400-6H	0~600V	0~4A	2400W
Weight	Approx 11kg						
Dimensions	Current <100A: 425W×88H×463D mm (2U) Current ≥ 100A: 425W×88H×503D mm (2U-L)						
AC Input	1φ3W (L, N, PE), 220V±10% 47~63Hz						

Model	Rated Output			Model	Rated Output		
	V	A	W		V	A	W
PCL3000-15	0~15V	0~200A	3KW				
PCL3000-20	0~20V	0~150A	3KW				
PCL3000-30	0~30V	0~100A	3KW				
PCL3000-40	0~40V	0~75A	3KW				
PCL3000-50	0~50V	0~60A	3KW				
PCL3000-60	0~60V	0~50A	3KW				
PCL3000-1H	0~100V	0~30A	3KW				
PCL3000-120	0~120V	0~25A	3KW				
PCL3000-150	0~150V	0~20A	3KW				
PCL3000-2H	0~200V	0~15A	3KW				
PCL3000-3H	0~300V	0~10A	3KW				
PCL3000-4H	0~400V	0~7.5A	3KW				
PCL3000-5H	0~500V	0~6A	3KW				
PCL3000-6H	0~600V	0~5A	3KW				
Weight	Approx 11~14kg						
Dimensions	Current <100A: 425W×88H×463D mm (2U) Current ≥ 100A: 425W×88H×503D mm (2U-L)						
AC Input	1φ3W (L, N, PE), 220V±10% 47~63Hz						

TWINTEX • www.twintex.com.tw

Taipei, Taiwan: Tel: +886-02-2915 0101 • Fax: +886-02-2916 0101
Shenzhen, China: Tel.: +86-755-2812 9890 • Fax: +86-755-2814 9802

High Power DC Power Supply

Model	Rated Output				Model	Rated Output		
	V	A	W			V	A	W
PCL4000-20	0~20V	0~200A	4KW		PCL5000-20	0~20V	0~250A	5KW
PCL4000-30	0~30V	0~133A	4KW		PCL5000-30	0~30V	0~167A	5KW
PCL4000-40	0~40V	0~100A	4KW		PCL5000-40	0~40V	0~125A	5KW
PCL4000-60	0~60V	0~67A	4KW		PCL5000-60	0~60V	0~83A	5KW
PCL4000-1H	0~100V	0~40A	4KW		PCL5000-1H	0~100V	0~50A	5KW
PCL4000-150	0~150V	0~26.7A	4KW		PCL5000-150	0~150V	0~33.3A	5KW
PCL4000-2H	0~200V	0~20A	4KW		PCL5000-2H	0~200V	0~25A	5KW
PCL4000-3H	0~300V	0~13.3A	4KW		PCL5000-3H	0~300V	0~16.7A	5KW
PCL4000-4H	0~400V	0~10A	4KW		PCL5000-4H	0~400V	0~12.5A	5KW
PCL4000-5H	0~500V	0~8A	4KW		PCL5000-5H	0~500V	0~10A	5KW
PCL4000-6H	0~600V	0~6.7A	4KW		PCL5000-6H	0~600V	0~8.3A	5KW
Weight	Approx 16kg							
Dimensions	425W×88H×503D mm (2U-L)							
AC Input	3φ4W (L1, L2, L3, PE), 380V±10% 47~63Hz (at default) 1φ3W (L, N, PE), 220V±10% 47~63Hz (at request, cabinet changed to 3U)							