

Features

- ✓ Rated power 600W 1200W 2400W 3kW 4kW 5kW
- ✓ Rated voltage from 1kV to 12kV
- ✓ Option for negative output voltage -1kV to -12kV
- ✓ **Comprehensive customized solutions case by case**
- ✓ 4 digits LED display for voltage and current
- ✓ Low ripple, high stability
- ✓ List mode function, Auto Run function,
- ✓ **No overshoot during startup**
- ✓ **Soft start by hardware, and adjustable voltage rise time by software**
- ✓ Preset voltage and current
- ✓ Remote ON/OFF control
- ✓ Multiple protections: OVP, OTP, ACF and current limit protections
- ✓ Standard interface: RS232 & RS485, support ModBus-RTU commands
- ✓ Data record and export through PC control software
- ✓ Hot keys for data save and recall on PC control software
- ✓ Optional analog interface for control and feedback; **LAN interface**

High Voltage DC Power Supply



Product Photos (2U frame 600W~5kW)



(220Vac input for 600W ~ 2.4kW)



(380Vac input for 2.4kW ~ 5kW)

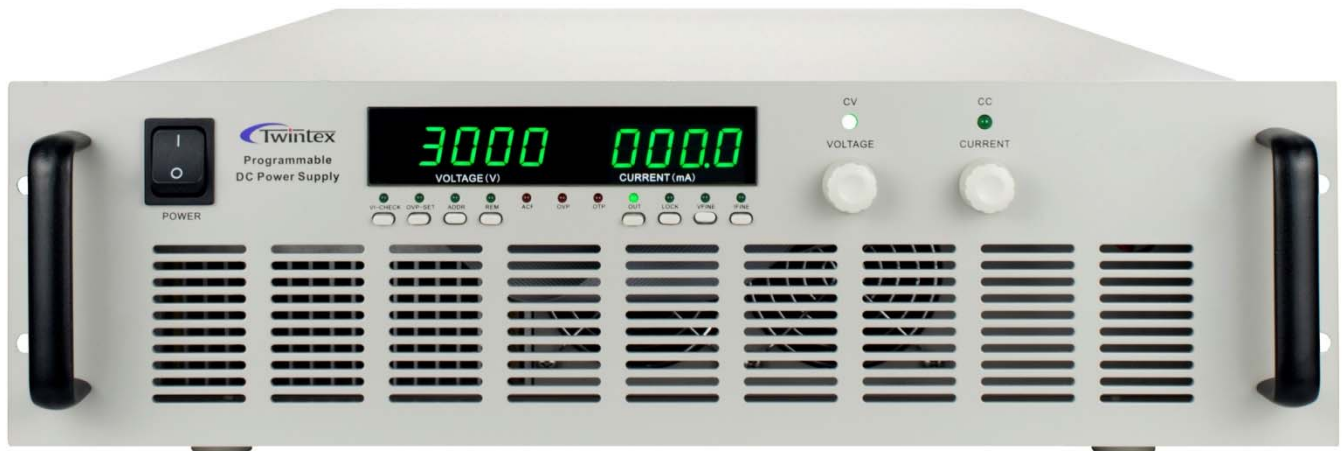
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High Voltage DC Power Supply



Product Photos (3U frame)



(220Vac input for 1kV to 6kV in 4kW ~ 5kW)

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High Voltage DC Power Supply



Model	Rated Output			Model	Rated Output		
	V	A	W		V	A	W
PCH600-10H	0~1000V	0~600mA	600W	PCH1200-10H	0~1000V	0~1200mA	1200W
PCH600-10HN	-200~-1000V	0~600mA	600W	PCH1200-10HN	-200~-1000V	0~1200mA	1200W
PCH600-12H	0~1200V	0~500mA	600W	PCH1200-12H	0~1200V	0~1000mA	1200W
PCH600-12HN	-240~-1200V	0~500mA	600W	PCH1200-12HN	-240~-1200V	0~1000mA	1200W
PCH600-15H	0~1500V	0~400mA	600W	PCH1200-15H	0~1500V	0~800mA	1200W
PCH600-15HN	-300~-1500V	0~400mA	600W	PCH1200-15HN	-300~-1500V	0~800mA	1200W
PCH600-20H	0~2000V	0~300mA	600W	PCH1200-20H	0~2000V	0~600mA	1200W
PCH600-20HN	-400~-2000V	0~300mA	600W	PCH1200-20HN	-400~-2000V	0~600mA	1200W
PCH600-30H	200~3000V	0~200mA	600W	PCH1200-30H	200~3000V	0~400mA	1200W
PCH600-30HN	-600~-3000V	0~200mA	600W	PCH1200-30HN	-600~-3000V	0~400mA	1200W
PCH600-40H	200~4000V	0~150mA	600W	PCH1200-40H	200~4000V	0~300mA	1200W
PCH600-40HN	-800~-4000V	0~150mA	600W	PCH1200-40HN	-800~-4000V	0~300mA	1200W
PCH600-50H	300~5000V	0~120mA	600W	PCH1200-50H	300~5000V	0~240mA	1200W
PCH600-50HN	-1000~-5000V	0~120mA	600W	PCH1200-50HN	-1000~-5000V	0~240mA	1200W
PCH600-60H	400~6000V	0~100mA	600W	PCH1200-60H	400~6000V	0~200mA	1200W
PCH600-60HN	-1200~-6000V	0~100mA	600W	PCH1200-60HN	-1200~-6000V	0~200mA	1200W
PCH600-80H	500~8000V	0~75mA	600W	PCH1200-80H	500~8000V	0~150mA	1200W
PCH600-80HN	-1600~-8000V	0~75mA	600W	PCH1200-80HN	-1600~-8000V	0~150mA	1200W
PCH600-100H	800~10000V	0~60mA	600W	PCH1200-100H	800~10000V	0~120mA	1200W
PCH600-100HN	-2000~-10000V	0~60mA	600W	PCH1200-100HN	-2000~-10000V	0~120mA	1200W
PCH600-120H	1000~12000V	0~50mA	600W	PCH1200-120H	1000~12000V	0~100mA	1200W
PCH600-120HN	-2400~-12000V	0~50mA	600W	PCH1200-120HN	-2400~-12000V	0~100mA	1200W
Weight	11~14kg						
Dimensions	425W×88H×463D mm (2U)						
AC Input	1φ3W, 220V±10% 47~63Hz						

High Voltage DC Power Supply



Model	Rated Output			Model	Rated Output		
	V	A	W		V	A	W
PCH2400-10H	0~1000V	0~2400mA	2.4kW	PCH3000-10H	0~1000V	0~3000mA	3kW
PCH2400-10HN	-200~-1000V	0~2400mA	2.4kW	PCH3000-10HN	-200~-1000V	0~3000mA	3kW
PCH2400-12H	0~1200V	0~2000mA	2.4kW	PCH3000-12H	0~1200V	0~2500mA	3kW
PCH2400-12HN	-240~-1200V	0~200mA	2.4kW	PCH3000-12HN	-240~-1200V	0~2500mA	3kW
PCH2400-15H	0~1500V	0~1600mA	2.4kW	PCH3000-15H	0~1500V	0~2000mA	3kW
PCH2400-15HN	-300~-1500V	0~1600mA	2.4kW	PCH3000-15HN	-300~-1500V	0~2000mA	3kW
PCH2400-20H	0~2000V	0~1200mA	2.4kW	PCH3000-20H	0~2000V	0~1500mA	3kW
PCH2400-20HN	-400~-2000V	0~1200mA	2.4kW	PCH3000-20HN	-400~-2000V	0~1500mA	3kW
PCH2400-30H	200~3000V	0~800mA	2.4kW	PCH3000-30H	200~3000V	0~1000mA	3kW
PCH2400-30HN	-600~-3000V	0~800mA	2.4kW	PCH3000-30HN	-600~-3000V	0~1000mA	3kW
PCH2400-40H	200~4000V	0~600mA	2.4kW	PCH3000-40H	200~4000V	0~750mA	3kW
PCH2400-40HN	-800~-4000V	0~600mA	2.4kW	PCH3000-40HN	-800~-4000V	0~750mA	3kW
PCH2400-50H	300~5000V	0~480mA	2.4kW	PCH3000-50H	300~5000V	0~600mA	3kW
PCH2400-50HN	-1000~-5000V	0~480mA	2.4kW	PCH3000-50HN	-1000~-5000V	0~600mA	3kW
PCH2400-60H	400~6000V	0~400mA	2.4kW	PCH3000-60H	400~6000V	0~500mA	3kW
PCH2400-60HN	-1200~-6000V	0~400mA	2.4kW	PCH3000-60HN	-1200~-6000V	0~500mA	3kW
PCH2400-80H	500~8000V	0~300mA	2.4kW	PCH3000-80H	500~8000V	0~375mA	3kW
PCH2400-80HN	-1600~-8000V	0~300mA	2.4kW	PCH3000-80HN	-1600~-8000V	0~375mA	3kW
PCH2400-100H	800~10000V	0~240mA	2.4kW	PCH3000-100H	800~10000V	0~300mA	3kW
PCH2400-100HN	-2000~-10000V	0~240mA	2.4kW	PCH3000-100HN	-2000~-10000V	0~300mA	3kW
Weight	13~14kg						
Dimensions	425W×88H×463D mm (2U) for 1kV to 5kV models 482.6W×88H×533D mm (2U-L) for 8kV to 10kV models						
AC Input	1φ3W, 220V±10% 47~63Hz for 1kV to 5kV models 3φ4W, 380V±10% 47~63Hz for 8kV & 10kV models						

High Voltage DC Power Supply



Model	Rated Output			Model	Rated Output		
	V	A	W		V	A	W
PCH4000-10H	0~1000V	0~4000mA	4kW	PCH5000-10H	0~1000V	0~5000mA	5kW
PCH4000-10HN	-200~ -1000V	0~4000mA	4kW	PCH5000-10HN	-200~ -1000V	0~5000mA	5kW
PCH4000-12H	0~1200V	0~3300mA	4kW	PCH5000-12H	0~1200V	0~4160mA	5kW
PCH4000-12HN	-240~ -1200V	0~3300mA	4kW	PCH5000-12HN	-240~ -1200V	0~4160mA	5kW
PCH4000-15H	0~1500V	0~2600mA	4kW	PCH5000-15H	0~1500V	0~3300mA	5kW
PCH4000-15HN	-300~-1500V	0~2600mA	4kW	PCH5000-15HN	-300~-1500V	0~3300mA	5kW
PCH4000-20H	0~2000V	0~2000mA	4kW	PCH5000-20H	0~2000V	0~2500mA	5kW
PCH4000-20HN	-400~ -2000V	0~2000mA	4kW	PCH5000-20HN	-400~ -2000V	0~2500mA	5kW
PCH4000-30H	400~3000V	0~1300mA	4kW	PCH5000-30H	400~3000V	0~1600mA	5kW
PCH4000-30HN	-600~ -3000V	0~1300mA	4kW	PCH5000-30HN	-600~ -3000V	0~1600mA	5kW
PCH4000-40H	550~4000V	0~1000mA	4kW	PCH5000-40H	550~4000V	0~1250mA	5kW
PCH4000-40HN	-800~ -4000V	0~1000mA	4kW	PCH5000-40HN	-800~ -4000V	0~1250mA	5kW
PCH4000-50H	700~5000V	0~800mA	4kW	PCH5000-50H	700~5000V	0~1000mA	5kW
PCH4000-50HN	-1000~ -5000V	0~800mA	4kW	PCH5000-50HN	-1000~ -5000V	0~1000mA	5kW
PCH4000-60H	800~6000V	0~660mA	4kW	PCH5000-60H	800~6000V	0~830mA	5kW
PCH4000-60HN	-1200~ -6000V	0~660mA	4kW	PCH5000-60HN	-1200~ -6000V	0~830mA	5kW
PCH4000-80H	500~8000V	0~500mA	4kW	PCH5000-80H	500~8000V	0~625mA	5kW
PCH4000-80HN	-1600~ -8000V	0~500mA	4kW	PCH5000-80HN	-1600~ -8000V	0~625mA	5kW
PCH4000-100H	800~10000V	0~400mA	4kW	PCH5000-100H	800~10000V	0~500mA	5kW
PCH4000-100HN	-2000~ -10000V	0~400mA	4kW	PCH5000-100HN	-2000~ -10000V	0~500mA	5kW
Weight	14kg (2U), 19kg (3U)						
Dimensions	482.6Wx88Hx533D mm (2U-L) for 1kV to 6kV models 482.6Wx132.5Hx533D mm (3U) for 8kV to 10kV models						
AC Input	3φ4W, 380V±10% 47~63Hz 1φ3W (L, N, PE), 220V±10% 47~63Hz (at request, cabinet size changed to 3U) (only for 1kV to 6kV models)						