DC Source System

APM Technologies

APM DC source system is a single output programmable DC power supply which provides with high power density and stable DC output. With built-in voltage and current testing capability, APM DC source system can fulfill different kinds of DC power applications.

This series is applicable to multiple sectors such as electric, lighting and aviation sectors and it could be applied to enterprise's production test as well.

Features

- With accurate voltage and current measurement capability.
- Coded Knob, multifunction keyboard.
- Standard RS232/RS485/USB/LAN communication interfaces, GPIB is optional.
- Remote sensing line voltage drop compensation.
- Equips with LIST waveform editing function.
- Use the Standard Commands for Programmable Instrumentation(SCPI) communication protocol.
- Have obtained CE certification.

APM Technologies (Dongguan) Co., Ltd

Add：#7，Link Information Industry Park，Shuilianshan Road, Nancheng,Dongguan,Guangdong,China

Tel：+86 769-2202 8588 ext:2892 Fax：+86 769-2202 6771

E-mail:overseas@apmtech.cn Web：en．apmtech．cn

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SYS40VDC Series

MODEL		SYS40VDC10800W	SYS40VDC21600W	SYS40VDC36000W
INPUT				
Voltage		190~265VAC		
Frequency		47~63Hz		
Phase		3 Phase,4Wire+Groud/Y Connect		
Max.Current		75A	150A	250A
Input Power Max		15kW	28.5kW	47.5kW
Power Factor at 220VAC Input ,Full Load		0.98 Min. Active PFC	0.98 Min. Active PFC	0.98 Min. Active PFC
Efficiency		>88% Max @Full Load and Units=4kW Model		
OUTNPUT (Parallel Mode)				
Output Voltage		0~40V		
Output Current		0~324A	0~648A	0~1080A
Output Power		10.8kW Max	21.6kW Max	36.0kW Max
Load Regulation	Voltage	120mV	240mV	400mV
	Current	0.10%F.S.		
Line Regulation	Voltage	0.02%F.S.+30mV		
	Current	0.02%F.S.+15mA		
Voltage Setting	Range	0~40V		
	Resolution	0.1mV		
	Accuracy	0.1%+0.1%F.S. at 0< Ouput Voltage =<75Vdc 0.05%+0.05%F.S. at 75Vdc< Ouput Voltage =<1200Vdc		
Current Setting	Range	0~324A	0~648A	0~1080A
	Resolution	0.01A		
	Accuracy	0.1%+0.10%F.S		
Ripple	Voltage	80mVp-p/12mVrms		
	Current	225mA(Full Range) 30mA(TYP Value)	500mA(Full Range) 60mA(TYP Value)	750mA(Full Range) 100mA(TYP Value)
MEASUREMENT (Parallel Mode)				
Voltage Setting	Range	0~40V		
	Resolution	0.1mV		
	Accuracy	0.1%+0.1%F.S. at 0< Ouput Voltage =<75Vdc 0.05%+0.05%F.S. at 75Vdc< Ouput Voltage =<1200Vdc		
Current Setting	Range	0~324A	0~648A	0~1080A
	Resolution	0.01A		
	Accuracy	0.1%+0.10%F.S		
OUTNPUT (Series Mode)				
Output Voltage		0~120V	0~240V	0~400V
Output Current		0~108A		
Output Power		10.8kW Max	21.6kW Max	36.0kW Max
Load Regulation	Voltage	120mV	240mV	400mV
	Current	0.10%F.S.		
Line Regulation	Voltage	0.02%F.S.+30mV		
	Current	0.02%F.S.+15mA		
Voltage Setting	Range	0~120V	0~240V	0~400V
	Resolution	10mV		
	Accuracy	0.1%+0.1%F.S. at 0< Ouput Voltage =<75Vdc 0.05%+0.05%F.S. at 75Vdc< Ouput Voltage =<1200Vdc		

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SYS40VDC Series

MODEL		SYS40VDC10800W	SYS40VDC21600W	SYS40VDC36000W
Current Setting	Range	0~108A		
	Resolution	1mA		
	Accuracy	0.1%+0.10%F.S		
Ripple	Voltage	60mVp-p/9mVrms	120mVp-p/18mVrms	200mVp-p/30mVrms
	Current	300mA(Full Range),40mA(TYP Value)		
MEASUREMENT (Series Mode)				
Voltage Setting	Range	0~120V	0~240V	0~400V
	Resolution	10mV		
	Accuracy	0.1%+0.1%F.S. at 0< Ouput Voltage =<75Vdc 0.05%+0.05%F.S. at 75Vdc< Ouput Voltage =<1200Vdc		
Current Setting	Range	0~108A		
	Resolution	1mA		
	Accuracy	0.1%+0.10%F.S		
Extra Function				
Remote Sense	Range	5V(DC), Max. Total power less than rated power		
Comm. Respondence.		50ms		
Graphic Display		VFD		
Operation Key Feature		Soft key,Numberic key,Rotary Knob		
Rack mount Handles		Yes		
FAN		Temperature Control		
Protection Circuits		OCP, OVP, OPP, OTP, FAN		
Interface		USB, RS485, RS232, LAN(Standard); GPIB(Option)		
Remote Control Input/Output signal characteristics				
Remote Input signal		Not Support		
Remote output signal		Not Support		
Environmental				
Operating Temperature		0°C to 40°C		
Storage Temperature		-20°C to 70°C		
Altitude		2000m		
Relative Humidity		10%-90%, non-condensing		
Temperature Coefficient		100ppm/°C at Voltage, 300ppm/°C at Current		
Mechanical				
Dimensions(W*H*D)		600.0∗736.0∗700.0 mm	600.0∗1064.0∗700.0 mm	600.0∗1524.0∗700.0 mm
Package Dimensions (W*H*D)		720.0∗910.0∗820.0 mm	720.0∗1240.0∗820.0 mm	720.0∗1700.0∗820.0 mm
Unit Net Weight		53.5kg+14.7kg∗N(REF)	100.0kg+14.7kg∗N(REF)	120.0kg+14.7kg∗N(REF)
Accessories Weight		0.4kg		
Shipping Weight		103.5kg+14.7kg∗N(REF)	160.0kg+14.7kg∗N(REF)	200.0kg+14.7kg∗N(REF)
Regulatory Compliance				
CE Mark		Installation Overvltage Category II ; Class II equipment;indoor use only.		

∗F.S. represents the maximum value of the output range .
∗N stands for the number of installed power supply units, and N is greater than 1 .

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SYS75VDC Series

MODEL		SYS75VDC10800W	SYS75VDC21600W	SYS75VDC36000W
INPUT				
Voltage		190~265VAC		
Frequency		47~63Hz		
Phase		3 Phase,4Wire+Groud/Y Connect		
Max.Current		75A	150A	250A
Input Power Max		15kW	28.5kW	47.5kW
Power Factor at 220VAC Input ,Full Load		0.98 Min. Active PFC	0.98 Min. Active PFC	0.98 Min. Active PFC
Efficiency		>88% Max @Full Load and Units=4kW Model		
OUTNPUT (Parallel Mode)				
Output Voltage		0~75V		
Output Current		0~162A	0~324A	0~540A
Output Power		10.8kW Max	21.6kW Max	36.0kW Max
Load Regulation	Voltage	120mV	240mV	400mV
	Current	0.10%F.S.		
Line Regulation	Voltage	0.02%F.S.+30mV		
	Current	0.02%F.S.+15mA		
Voltage Setting	Range	0~75V		
	Resolution	0.1mV		
	Accuracy	0.1%+0.1%F.S. at 0< Ouput Voltage =<75Vdc 0.05%+0.05%F.S. at 75Vdc< Ouput Voltage =<1200Vdc		
Current Setting	Range	0~162A	0~324A	0~540A
	Resolution	0.01A		
	Accuracy	0.1%+0.10%F.S		
Ripple	Voltage	80mVp-p/12mVrms		
	Current	75mA(Full Range) 15mA(TYP Value)	150mA(Full Range) 30mA(TYP Value)	250mA(Full Range) 50mA(TYP Value)
MEASUREMENT (Parallel Mode)				
Voltage Setting	Range	0~75V		
	Resolution	0.1mV		
	Accuracy	0.1%+0.1%F.S. at 0< Ouput Voltage =<75Vdc 0.05%+0.05%F.S. at 75Vdc< Ouput Voltage =<1200Vdc		
Current Setting	Range	0~162A	0~324A	0~540A
	Resolution	0.01A		
	Accuracy	0.1%+0.10%F.S		
OUTNPUT (Series Mode)				
Output Voltage		0~225V	0~450V	0~750V
Output Current		0~54A		
Output Power		10.8kW Max	21.6kW Max	36.0kW Max
Load Regulation	Voltage	120mV	240mV	400mV
	Current	0.10%F.S.		
Line Regulation	Voltage	0.02%F.S.+30mV		
	Current	0.02%F.S.+15mA		
Voltage Setting	Range	0~225V	0~450V	0~750V
	Resolution	10mV		
	Accuracy	0.1%+0.1%F.S. at 0< Ouput Voltage =<75Vdc 0.05%+0.05%F.S. at 75Vdc< Ouput Voltage =<1200Vdc		

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SYS75VDC Series

MODEL		SYS75VDC10800W	SYS75VDC21600W	SYS75VDC36000W
Current Setting	Range	0~54A		
	Resolution	1mA		
	Accuracy	0.1%+0.10%F.S		
Ripple	Voltage	60mVp-p/9mVrms	120mVp-p/18mVrms	400mVp-p/60mVrms
	Current	100mA(Full Range),20mA(TYP Value)		
MEASUREMENT (Series Mode)				
Voltage Setting	Range	0~225V	0~450V	0~750V
	Resolution	10mV		
	Accuracy	0.1%+0.1%F.S. at 0< Ouput Voltage =<75Vdc 0.05%+0.05%F.S. at 75Vdc< Ouput Voltage =<1200Vdc		
Current Setting	Range	0~54A		
	Resolution	1mA		
	Accuracy	0.1%+0.10%F.S		
Extra Function				
Remote Sense	Range	5V(DC), Max. Total power less than rated power		
Comm. Respondence.		50ms		
Graphic Display		VFD		
Operation Key Feature		Soft key,Numberic key,Rotary Knob		
Rack mount Handles		Yes		
FAN		Temperature Control		
Protection Circuits		OCP, OVP, OPP, OTP, FAN		
Interface		USB, RS485, RS232, LAN(Standard); GPIB(Option)		
Remote Control Input/Output signal characteristics				
Remote Input signal		Not Support		
Remote output signal		Not Support		
Environmental				
Operating Temperature		0°C to 40°C		
Storage Temperature		-20°C to 70°C		
Altitude		2000m		
Relative Humidity		10%-90%, non-condensing		
Temperature Coefficient		100ppm/°C at Voltage, 300ppm/°C at Current		
Mechanical				
Dimensions(W*H*D)		600.0∗736.0∗700.0 mm	600.0∗1064.0∗700.0 mm	600.0∗1524.0∗700.0 mm
Package Dimensions (W*H*D)		720.0∗910.0∗820.0 mm	720.0∗1240.0∗820.0 mm	720.0∗1700.0∗820.0 mm
Unit Net Weight		53.5kg+13.2kg∗N(REF)	100.0kg+13.2kg∗N(REF)	120.0kg+13.2kg∗N(REF)
Accessories Weight		0.4kg		
Shipping Weight		103.5kg+13.2kg∗N(REF)	160.0kg+13.2kg∗N(REF)	200.0kg+13.2kg∗N(REF)
Regulatory Compliance				
CE Mark		Installation Overvltage Category II ; Class II equipment;indoor use only.		

∗F.S. represents the maximum value of the output range.
∗N stands for the number of installed power supply units, and N is greater than 1.

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SYS120VDC Series

MODEL		SYS120VDC10800W	SYS120VDC21600W	SYS120VDC36000W
INPUT				
Voltage		190~265VAC		
Frequency		47~63Hz		
Phase		3 Phase,4Wire+Groud/Y Connect		
Max.Current		75A	150A	250A
Input Power Max		15kW	28.5kW	47.5kW
Power Factor at 220VAC Input ,Full Load		0.98 Min. Active PFC	0.98 Min. Active PFC	0.98 Min. Active PFC
Efficiency		>88% Max @Full Load and Units=4kW Model		
OUTNPUT (Parallel Mode)				
Output Voltage		0~120V		
Output Current		0~108A	0~216A	0~360A
Output Power		10.8kW Max	21.6kW Max	36.0kW Max
Load Regulation	Voltage	120mV	240mV	400mV
	Current	0.10%F.S.		
Line Regulation	Voltage	0.02%F.S.+30mV		
	Current	0.02%F.S.+15mA		
Voltage Setting	Range	0~120V		
	Resolution	0.1mV		
	Accuracy	0.1%+0.1%F.S. at 0< Ouput Voltage =<75Vdc 0.05%+0.05%F.S. at 75Vdc< Ouput Voltage =<1200Vdc		
Current Setting	Range	0~108A	0~216A	0~360A
	Resolution	0.01A		
	Accuracy	0.1%+0.10%F.S		
Ripple	Voltage	160mVp-p/30mVrms		
	Current	90mA(Full Range) 15mA(TYP Value)	180mA(Full Range) 30mA(TYP Value)	300mA(Full Range) 50mA(TYP Value)
MEASUREMENT (Parallel Mode)				
Voltage Setting	Range	0~120V		
	Resolution	0.1mV		
	Accuracy	0.1%+0.1%F.S. at 0< Ouput Voltage =<75Vdc 0.05%+0.05%F.S. at 75Vdc< Ouput Voltage =<1200Vdc		
Current Setting	Range	0~108A	0~216A	0~360A
	Resolution	0.01A		
	Accuracy	0.1%+0.10%F.S		
OUTNPUT (Series Mode)				
Output Voltage		0~360V	0~720V	0~1200V
Output Current		0~36A		
Output Power		10.8kW Max	21.6kW Max	36.0kW Max
Load Regulation	Voltage	120mV	240mV	400mV
	Current	0.10%F.S.		
Line Regulation	Voltage	0.02%F.S.+30mV		
	Current	0.02%F.S.+15mA		
Voltage Setting	Range	0~360V	0~720V	0~1200V
	Resolution	10mV		
	Accuracy	0.1%+0.1%F.S. at 0< Ouput Voltage =<75Vdc 0.05%+0.05%F.S. at 75Vdc< Ouput Voltage =<1200Vdc		

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SYS120VDC Series

MODEL		SYS120VDC10800W	SYS120VDC21600W	SYS120VDC36000W
Current Setting	Range	0~36A		
	Resolution	1mA		
	Accuracy	0.1%+0.10%F.S		
Ripple	Voltage	120mVp-p/22.5mVrms	240mVp-p/45mVrms	400mVp-p/75mVrms
	Current	120mA(Full Range),20mA(TYP Value)		
MEASUREMENT (Series Mode)				
Voltage Setting	Range	0~360V	0~720V	0~1200V
	Resolution	10mV		
	Accuracy	0.1%+0.1%F.S. at 0< Ouput Voltage =<75Vdc 0.05%+0.05%F.S. at 75Vdc< Ouput Voltage =<1200Vdc		
Current Setting	Range	0~36A		
	Resolution	1mA		
	Accuracy	0.1%+0.10%F.S		
Extra Function				
Remote Sense	Range	5V(DC), Max. Total power less than rated power		
Comm. Respondence.		50ms		
Graphic Display		VFD		
Operation Key Feature		Soft key,Numberic key,Rotary Knob		
Rack mount Handles		Yes		
FAN		Temperature Control		
Protection Circuits		OCP, OVP, OPP, OTP, FAN		
Interface		USB, RS485, RS232, LAN(Standard); GPIB(Option)		
Remote Control Input/Output signal characteristics				
Remote Input signal		Not Support		
Remote output signal		Not Support		
Environmental				
Operating Temperature		0°C to 40°C		
Storage Temperature		-20°C to 70°C		
Altitude		2000m		
Relative Humidity		10%-90%, non-condensing		
Temperature Coefficient		100ppm/°C at Voltage, 300ppm/°C at Current		
Mechanical				
Dimensions(W*H*D)		600.0∗736.0∗700.0 mm	600.0∗1064.0∗700.0 mm	600.0∗1524.0∗700.0 mm
Package Dimensions (W*H*D)		720.0∗910.0∗820.0 mm	720.0∗1240.0∗820.0 mm	720.0∗1700.0∗820.0 mm
Unit Net Weight		53.5kg+13.2kg∗N(REF)	100.0kg+13.2kg∗N(REF)	120.0kg+13.2kg∗N(REF)
Accessories Weight		0.4kg		
Shipping Weight		103.5kg+13.2kg∗N(REF)	160.0kg+13.2kg∗N(REF)	200.0kg+13.2kg∗N(REF)
Regulatory Compliance				
CE Mark		Installation Overvltage Category II ; Class II equipment;indoor use only.		

∗F.S. represents the maximum value of the output range.
∗N stands for the number of installed power supply units, and N is greater than 1.

APM Technologies

SYS150VDC Series

MODEL		SYS150VDC10800W	SYS150VDC21600W	SYS150VDC36000W
INPUT				
Voltage		190~265VAC		
Frequency		47~63Hz		
Phase		3 Phase,4Wire+Groud/Y Connect		
Max.Current		75A	150A	250A
Input Power Max		15kW	28.5kW	47.5kW
Power Factor at 220VAC Input ,Full Load		0.98 Min. Active PFC	0.98 Min. Active PFC	0.98 Min. Active PFC
Efficiency		>88% Max @Full Load and Units=4kW Model		
OUTNPUT (Parallel Mode)				
Output Voltage		0~150V		
Output Current		0~81A	0~162A	0~270A
Output Power		10.8kW Max	21.6kW Max	36.0kW Max
Load Regulation	Voltage	120mV	240mV	400mV
	Current	0.10%F.S.		
Line Regulation	Voltage	0.02%F.S.+30mV		
	Current	0.02%F.S.+15mA		
Voltage Setting	Range	0~150V		
	Resolution	0.1mV		
	Accuracy	0.1%+0.1%F.S. at 0< Ouput Voltage =<75Vdc 0.05%+0.05%F.S. at 75Vdc< Ouput Voltage =<1200Vdc		
Current Setting	Range	0~81A	0~162A	0~270A
	Resolution	0.01A		
	Accuracy	0.1%+0.10%F.S		
Ripple	Voltage	160mVp-p/30mVrms		
	Current	90mA(Full Range) 15mA(TYP Value)	180mA(Full Range) 30mA(TYP Value)	300mA(Full Range) 50mA(TYP Value)
MEASUREMENT (Parallel Mode)				
Voltage Setting	Range	0~150V		
	Resolution	0.1mV		
	Accuracy	0.1%+0.1%F.S. at 0< Ouput Voltage =<75Vdc 0.05%+0.05%F.S. at 75Vdc< Ouput Voltage =<1200Vdc		
Current Setting	Range	0~81A	0~162A	0~270A
	Resolution	0.01A		
	Accuracy	0.1%+0.10%F.S		
OUTNPUT (Series Mode)				
Output Voltage		0~450V	0~900V	–
Output Current		0~27A		
Output Power		10.8kW Max	21.6kW Max	36.0kW Max
Load Regulation	Voltage	120mV	240mV	400mV
	Current	0.10%F.S.		
Line Regulation	Voltage	0.02%F.S.+30mV		
	Current	0.02%F.S.+15mA		
Voltage Setting	Range	0~450V	0~900V	–
	Resolution	10mV		
	Accuracy	0.1%+0.1%F.S. at 0< Ouput Voltage =<75Vdc 0.05%+0.05%F.S. at 75Vdc< Ouput Voltage =<1200Vdc		

APM Technologies

SYS150VDC Series

MODEL		SYS150VDC10800W	SYS150VDC21600W	SYS150VDC36000W
Current Setting	Range	0~27A		
	Resolution	1mA		
	Accuracy	0.1%+0.10%F.S		
Ripple	Voltage	120mVp-p/22.5mVrms	240mVp-p/45mVrms	400mVp-p/75mVrms
	Current	120mA(Full Range),20mA(TYP Value)		
MEASUREMENT (Series Mode)				
Voltage Setting	Range	0~450V	0~900V	–
	Resolution	10mV		
	Accuracy	0.1%+0.1%F.S. at 0< Ouput Voltage =<75Vdc 0.05%+0.05%F.S. at 75Vdc< Ouput Voltage =<1200Vdc		
Current Setting	Range	0~27A		
	Resolution	1mA		
	Accuracy	0.1%+0.10%F.S		
Extra Function				
Remote Sense	Range	5V(DC), Max. Total power less than rated power		
Comm. Respondence.		50ms		
Graphic Display		VFD		
Operation Key Feature		Soft key,Numberic key,Rotary Knob		
Rack mount Handles		Yes		
FAN		Temperature Control		
Protection Circuits		OCP, OVP, OPP, OTP, FAN		
Interface		USB, RS485, RS232, LAN(Standard); GPIB(Option)		
Remote Control Input/Output signal characteristics				
Remote Input signal		Not Support		
Remote output signal		Not Support		
Environmental				
Operating Temperature		0°C to 40°C		
Storage Temperature		-20°C to 70°C		
Altitude		2000m		
Relative Humidity		10%-90%, non-condensing		
Temperature Coefficient		100ppm/°C at Voltage, 300ppm/°C at Current		
Mechanical				
Dimensions(W*H*D)		600.0∗736.0∗700.0 mm	600.0∗1064.0∗700.0 mm	600.0∗1524.0∗700.0 mm
Package Dimensions (W*H*D)		720.0∗910.0∗820.0 mm	720.0∗1240.0∗820.0 mm	720.0∗1700.0∗820.0 mm
Unit Net Weight		53.5kg+13.2kg∗N(REF)	100.0kg+13.2kg∗N(REF)	120.0kg+13.2kg∗N(REF)
Accessories Weight		0.4kg		
Shipping Weight		103.5kg+13.2kg∗N(REF)	160.0kg+13.2kg∗N(REF)	200.0kg+13.2kg∗N(REF)
Regulatory Compliance				
CE Mark		Installation Overvltage Category II ; Class II equipment;indoor use only.		

∗F.S. represents the maximum value of the output range.
∗N stands for the number of installed power supply units, and N is greater than 1.

APM Technologies

SYS200VDC Series

MODEL		SYS200VDC10800W	SYS200VDC21600W	SYS200VDC36000W
INPUT				
Voltage		190~265VAC		
Frequency		47~63Hz		
Phase		3 Phase,4Wire+Groud/Y Connect		
Max.Current		75A	150A	250A
Input Power Max		15kW	28.5kW	47.5kW
Power Factor at 220VAC Input ,Full Load		0.98 Min. Active PFC	0.98 Min. Active PFC	0.98 Min. Active PFC
Efficiency		>88% Max @Full Load and Units=4kW Model		
OUTNPUT (Parallel Mode)				
Output Voltage		0~200V		
Output Current		0~64.8A	0~129.6A	0~216A
Output Power		10.8kW Max	21.6kW Max	36.0kW Max
Load Regulation	Voltage	120mV	240mV	400mV
	Current	0.10%F.S.		
Line Regulation	Voltage	0.02%F.S.+30mV		
	Current	0.02%F.S.+15mA		
Voltage Setting	Range	0~200V		
	Resolution	0.1mV		
	Accuracy	0.1%+0.1%F.S. at 0< Ouput Voltage =<75Vdc 0.05%+0.05%F.S. at 75Vdc< Ouput Voltage =<1200Vdc		
Current Setting	Range	0~64.8A	0~129.6A	0~216A
	Resolution	0.01A		
	Accuracy	0.1%+0.10%F.S		
Ripple	Voltage	300mVp-p/60mVrms		
	Current	75mA(Full Range) 45mA(TYP Value)	150mA(Full Range) 90mA(TYP Value)	250mA(Full Range) 150mA(TYP Value)
MEASUREMENT (Parallel Mode)				
Voltage Setting	Range	0~200V		
	Resolution	0.1mV		
	Accuracy	0.1%+0.1%F.S. at 0< Ouput Voltage =<75Vdc 0.05%+0.05%F.S. at 75Vdc< Ouput Voltage =<1200Vdc		
Current Setting	Range	0~64.8A	0~129.6A	0~216A
	Resolution	0.01A		
	Accuracy	0.1%+0.10%F.S		
OUTNPUT (Series Mode)				
Output Voltage		0~600V	0~1200V	–
Output Current		0~21.6A		
Output Power		10.8kW Max	21.6kW Max	36.0kW Max
Load Regulation	Voltage	120mV	240mV	400mV
	Current	0.10%F.S.		
Line Regulation	Voltage	0.02%F.S.+30mV		
	Current	0.02%F.S.+15mA		
Voltage Setting	Range	0~600V	0~1200V	–
	Resolution	10mV		
	Accuracy	0.1%+0.1%F.S. at 0< Ouput Voltage =<75Vdc 0.05%+0.05%F.S. at 75Vdc< Ouput Voltage =<1200Vdc		

APM Technologies

SYS200VDC Series

MODEL		SYS200VDC10800W	SYS200VDC21600W	SYS200VDC36000W
Current Setting	Range	0~21.6A		
	Resolution	1mA		
	Accuracy	0.1%+0.10%F.S		
Ripple	Voltage	225mVp-p/45mVrms	450mVp-p/90mVrms	1500mVp-p/300mVrms
	Current	100mA(Full Range),40mA(TYP Value)		
MEASUREMENT (Series Mode)				
Voltage Setting	Range	0~600V	0~1200V	–
	Resolution	10mV		
	Accuracy	0.1%+0.1%F.S. at 0< Ouput Voltage =<75Vdc 0.05%+0.05%F.S. at 75Vdc< Ouput Voltage =<1200Vdc		
Current Setting	Range	0~21.6A		
	Resolution	1mA		
	Accuracy	0.1%+0.10%F.S		
Extra Function				
Remote Sense	Range	5V(DC), Max. Total power less than rated power		
Comm. Respondence.		50ms		
Graphic Display		VFD		
Operation Key Feature		Soft key,Numberic key,Rotary Knob		
Rack mount Handles		Yes		
FAN		Temperature Control		
Protection Circuits		OCP, OVP, OPP, OTP, FAN		
Interface		USB, RS485, RS232, LAN(Standard); GPIB(Option)		
Remote Control Input/Output signal characteristics				
Remote Input signal		Not Support		
Remote output signal		Not Support		
Environmental				
Operating Temperature		0°C to 40°C		
Storage Temperature		-20°C to 70°C		
Altitude		2000m		
Relative Humidity		10%-90%, non-condensing		
Temperature Coefficient		100ppm/°C at Voltage, 300ppm/°C at Current		
Mechanical				
Dimensions(W*H*D)		600.0∗736.0∗700.0 mm	600.0∗1064.0∗700.0 mm	600.0∗1524.0∗700.0 mm
Package Dimensions (W*H*D)		720.0∗910.0∗820.0 mm	720.0∗1240.0∗820.0 mm	720.0∗1700.0∗820.0 mm
Unit Net Weight		53.5kg+13.2kg∗N(REF)	100.0kg+13.2kg∗N(REF)	120.0kg+13.2kg∗N(REF)
Accessories Weight		0.4kg		
Shipping Weight		103.5kg+13.2kg∗N(REF)	160.0kg+13.2kg∗N(REF)	200.0kg+13.2kg∗N(REF)
Regulatory Compliance				
CE Mark		Installation Overvltage Category II ; Class II equipment;indoor use only.		

∗F.S. represents the maximum value of the output range .
∗N stands for the number of installed power supply units, and N is greater than 1 .

APM Technologies

SYS600VDC Series

MODEL		SYS600VDC10800W	SYS600VDC21600W	SYS600VDC36000W
INPUT				
Voltage		190~265VAC		
Frequency		47~63Hz		
Phase		3 Phase,4Wire+Groud/Y Connect		
Max.Current		75A	150A	250A
Input Power Max		15kW	28.5kW	47.5kW
Power Factor at 220VAC Input ,Full Load		0.98 Min. Active PFC	0.98 Min. Active PFC	0.98 Min. Active PFC
Efficiency		>88% Max @Full Load and Units=4kW Model		
OUTNPUT (Parallel Mode)				
Output Voltage		0~600V		
Output Current		0~27A	0~54A	0~90A
Output Power		10.8kW Max	21.6kW Max	36.0kW Max
Load Regulation	Voltage	120mV	240mV	400mV
	Current	0.10%F.S.		
Line Regulation	Voltage	0.02%F.S.+30mV		
	Current	0.02%F.S.+15mA		
Voltage Setting	Range	0~600V		
	Resolution	0.1mV		
	Accuracy	0.1%+0.1%F.S. at 0< Ouput Voltage =<75Vdc 0.05%+0.05%F.S. at 75Vdc< Ouput Voltage =<1200Vdc		
Current Setting	Range	0~27A	0~54A	0~90A
	Resolution	0.01A		
	Accuracy	0.1%+0.10%F.S		
Ripple	Voltage	700mVp-p/80mVrms		
	Current	37.5mA(Full Range) 15mA(TYP Value)	75mA(Full Range) 30mA(TYP Value)	125mA(Full Range) 50mA(TYP Value)
MEASUREMENT (Parallel Mode)				
Voltage Setting	Range	0~600V		
	Resolution	0.1mV		
	Accuracy	0.1%+0.1%F.S. at 0< Ouput Voltage =<75Vdc 0.05%+0.05%F.S. at 75Vdc< Ouput Voltage =<1200Vdc		
Current Setting	Range	0~27A	0~54A	0~90A
	Resolution	0.01A		
	Accuracy	0.1%+0.10%F.S		

APM Technologies

SYS600VDC Series

MODEL	SYS600VDC10800W	SYS600VDC21600W	SYS600VDC36000W
Extra Function			
Remote Sense Range	5V(DC), Max. Total power less than rated power		
Comm. Respondence.	50ms		
Graphic Display	VFD		
Operation Key Feature	Soft key,Numberic key,Rotary Knob		
Rack mount Handles	Yes		
FAN	Temperature Control		
Protection Circuits	OCP, OVP, OPP, OTP, FAN		
Interface	USB, RS485, RS232, LAN(Standard); GPIB(Option)		
Remote Control Input/Output signal characteristics			
Remote Input signal	Not Support		
Remote output signal	Not Support		
Environmental			
Operating Temperature	0°C to 40°C		
Storage Temperature	-20°C to 70°C		
Altitude	2000m		
Relative Humidity	10%-90%, non-condensing		
Temperature Coefficient	100ppm/°C at Voltage, 300ppm/°C at Current		
Mechanical			
Dimensions(W*H*D)	600.0∗736.0∗700.0 mm	600.0∗1064.0∗700.0 mm	600.0∗1524.0∗700.0 mm
Package Dimensions (W*H*D)	720.0∗910.0∗820.0 mm	720.0∗1240.0∗820.0 mm	720.0∗1700.0∗820.0 mm
Unit Net Weight	53.5kg+14.7kg∗N(REF)	100.0kg+14.7kg∗N(REF)	120.0kg+14.7kg∗N(REF)
Accessories Weight	0.4kg		
Shipping Weight	103.5kg+14.7kg∗N(REF)	160.0kg+14.7kg∗N(REF)	200.0kg+14.7kg∗N(REF)
Regulatory Compliance			
CE Mark	Installation Overvltage Category II ; Class II equipment;indoor use only.		

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∗N stands for the number of installed power supply units, and N is greater than 1.

APM Technologies

SYS800VDC Series

MODEL		SYS800VDC10800W	SYS800VDC21600W	SYS800VDC36000W
INPUT				
Voltage		190~265VAC		
Frequency		47~63Hz		
Phase		3 Phase,4Wire+Groud/Y Connect		
Max.Current		75A	150A	250A
Input Power Max		15kW	28.5kW	47.5kW
Power Factor at 220VAC Input ,Full Load		0.98 Min. Active PFC	0.98 Min. Active PFC	0.98 Min. Active PFC
Efficiency		>88% Max @Full Load and Units=4kW Model		
OUTNPUT (Parallel Mode)				
Output Voltage		0~800V		
Output Current		0~20.25A	0~40.5A	0~67.5A
Output Power		10.8kW Max	21.6kW Max	36.0kW Max
Load Regulation	Voltage	120mV	240mV	400mV
	Current	0.10%F.S.		
Line Regulation	Voltage	0.02%F.S.+30mV		
	Current	0.02%F.S.+15mA		
Voltage Setting	Range	0~800V		
	Resolution	0.1mV		
	Accuracy	0.1%+0.1%F.S. at 0< Ouput Voltage =<75Vdc 0.05%+0.05%F.S. at 75Vdc< Ouput Voltage =<1200Vdc		
Current Setting	Range	0~20.25A	0~40.5A	0~67.5A
	Resolution	0.01A		
	Accuracy	0.1%+0.10%F.S		
Ripple	Voltage	700mVp-p/80mVrms		
	Current	37.5mA(Full Range) 15mA(TYP Value)	75mA(Full Range) 30mA(TYP Value)	125mA(Full Range) 50mA(TYP Value)
MEASUREMENT (Parallel Mode)				
Voltage Setting	Range	0~800V		
	Resolution	0.1mV		
	Accuracy	0.1%+0.1%F.S. at 0< Ouput Voltage =<75Vdc 0.05%+0.05%F.S. at 75Vdc< Ouput Voltage =<1200Vdc		
Current Setting	Range	0~20.25A	0~40.5A	0~67.5A
	Resolution	0.01A		
	Accuracy	0.1%+0.10%F.S		

APM Technologies

SYS800VDC Series

MODEL	SYS800VDC10800W	SYS800VDC21600W	SYS800VDC36000W
Extra Function			
Remote Sense Range	5V(DC), Max. Total power less than rated power		
Comm. Respondence.	50ms		
Graphic Display	VFD		
Operation Key Feature	Soft key,Numberic key,Rotary Knob		
Rack mount Handles	Yes		
FAN	Temperature Control		
Protection Circuits	OCP, OVP, OPP, OTP, FAN		
Interface	USB, RS485, RS232, LAN(Standard); GPIB(Option)		
Remote Control Input/Output signal characteristics			
Remote Input signal	Not Support		
Remote output signal	Not Support		
Environmental			
Operating Temperature	0°C to 40°C		
Storage Temperature	-20°C to 70°C		
Altitude	2000m		
Relative Humidity	10%-90%, non-condensing		
Temperature Coefficient	100ppm/°C at Voltage, 300ppm/°C at Current		
Mechanical			
Dimensions(W*H*D)	600.0∗736.0∗700.0 mm	600.0∗1064.0∗700.0 mm	600.0∗1524.0∗700.0 mm
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Unit Net Weight	53.5kg+14.7kg∗N(REF)	100.0kg+14.7kg∗N(REF)	120.0kg+14.7kg∗N(REF)
Accessories Weight	0.4kg		
Shipping Weight	103.5kg+14.7kg∗N(REF)	160.0kg+14.7kg∗N(REF)	200.0kg+14.7kg∗N(REF)
Regulatory Compliance			
CE Mark	Installation Overvltage Category II ; Class II equipment;indoor use only.		

∗F.S. represents the maximum value of the output range .
∗Warranty 2 (two) years, or refer to relevant contract terms