



# Middle Power DC Power Supply System

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# Middle Power DC Power Supply System

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## Selection List:

Model	Voltage	Current	Power	Size	Corresponding page
SYS32VDC12000W	32V	600A	12kW	13U	P01
SYS32VDC24000W		1200A	24kW	19U	P01
SYS32VDC40000W		2000A	40kW	27U	P01
SYS40VDC12000W	40V	360A	12kW	13U	P02
SYS40VDC24000W		720A	24kW	19U	P02
SYS40VDC40000W		1200A	40kW	27U	P02
SYS75VDC12000W	75V	180A	12kW	13U	P03
SYS75VDC24000W		360A	24kW	19U	P03
SYS75VDC40000W		600A	40kW	27U	P03
SYS80VDC9000W	80V	180A	9kW	13U	P04
SYS80VDC18000W		360A	18kW	19U	P04
SYS80VDC30000W		600A	30kW	27U	P04
SYS96VDC12000W	96V	200A	12kW	13U	P05
SYS120VDC12000W	120V	120A	12kW	13U	P06
SYS120VDC24000W		240A	24kW	19U	P06
SYS120VDC40000W		400A	40kW	27U	P06
SYS150VDC12000W	150V	90A	12kW	13U	P07
SYS150VDC24000W		180A	24kW	19U	P07
SYS150VDC40000W		300A	40kW	27U	P07
SYS192VDC24000W	192V	200A	24kW	19U	P08
SYS200VDC12000W	200V	72A	12kW	13U	P09
SYS200VDC24000W		144A	24kW	19U	P09
SYS200VDC40000W		240A	40kW	27U	P09
SYS225VDC12000W	225V	60A	12kW	13U	P10
SYS240VDC9000W	240V	60A	9kW	13U	P11
SYS240VDC24000W		120A	24kW	19U	P11
SYS320VDC40000W	320V	200A	40kW	27U	P12
SYS360VDC12000W	360V	40A	12kW	13U	P13
SYS400VDC40000W	400V	120A	40kW	27U	P14
SYS450VDC12000W	450V	30A	12kW	13U	P15
SYS450VDC24000W		60A	24kW	19U	P15
SYS480VDC18000W	480V	60A	18kW	19U	P16
SYS600VDC12000W	600V	30A	12kW	13U	P17
SYS600VDC24000W		60A	24kW	19U	P17
SYS600VDC40000W		100A	40kW	27U	P17
SYS720VDC24000W	720V	40A	24kW	19U	P18
SYS750VDC40000W	750V	60A	40kW	27U	P19
SYS800VDC12000W	800V	22.5A	12kW	13U	P20
SYS800VDC24000W		45A	24kW	19U	P20
SYS800VDC30000W		60A	30kW	27U	P20
SYS800VDC40000W		75A	40kW	27U	P20
SYS900VDC24000W	900V	30A	24kW	19U	P21
SYS1200VDC24000W	1200V	24A	24kW	19U	P22
SYS1200VDC40000W		40A	40kW	27U	P22

# Middle Power DC Power Supply System

## SYS32VDC

MODEL	SYS32VDC12000W		SYS32VDC24000W	SYS32VDC40000W
<b>Input</b>				
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			
<b>Output</b>				
Output Voltage	0~32V			
Output Current	0~600A	0~1200A	0~2000A	
Output Power	12kW Max	24kW Max	40kW Max	
Load Regulation	Voltage	90mV	180mV	300mV
	Current	0.6A	1.2A	2A
Line Regulation	Voltage	0.02%F.S.+30mV		
	Current	0.02%F.S.+15mA		
Voltage Setting	Range	0~32V		
	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	0~600A	0~1200A	0~2000A
	Resolution	10mA	0.1A	0.1A
	Accuracy	0.1%+0.10%F.S		
Ripple	Voltage	120mVp-p/20mVrms		
	Current	600mA(Full Range)	1200mA(Full Range)	2000mA(Full Range)
		300mA(TYP Value)	600mA(TYP Value)	1000mA(TYP Value)
<b>Measurement</b>				
Voltage Setting	Range	0~32V		
	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	0~600A	0~1200A	0~2000A
	Resolution	10mA	0.1A	0.1A
	Accuracy	0.1%+0.10%F.S		
<b>Extra Function</b>				
Remote Sense	Range	4V(DC), Max. Total power less than rated power		
Comm. Responce.	50ms			
Graphic Display	VFD			
Operation Key Feature	Soft key, Numeric key, Rotary Knob			
Rack mount Handles	Yes			
FAN	Temperature Control			
Protection Circuits	OCP, OVP, OPP, OTP, FAN			
Interface	USB, RS485, RS232, LAN(Standard); GPIB(Optional)			
<b>Remote Control Input/Output signal characteristics</b>				
Remote Input signal	Not Support			
Remote output signal	Not Support			
<b>Environmental</b>				
Operating Temperature	0°C~40°C			
Storage Temperature	-20°C~70°C			
Altitude	2000m			
Relative Humidity	10%-90%, non-condensing			
Temperature Coefficient	100ppm/°C at Voltage, 300ppm/°C at Current			
<b>Mechanical</b>				
Dimensions(W*H*D)	600.0*576.0*700.0 mm	600.0*843.0*700.0 mm	600.0*1196.0*700.0 mm	
Package Dimensions(W*H*D)	720.0*890.0*820.0 mm	720.0*1160.0*820.0 mm	720.0*1535.0*820.0 mm	
Unit Weight	54kg+15kg*3 (REF)	100.0kg+15kg*6 (REF)	120.0kg+15kg*10 (REF)	
Shipping Weight	94kg+15kg*3 (REF)	160.0kg+15kg*6 (REF)	200.0kg+15kg*10 (REF)	
<b>Regulatory Compliance</b>				
CE Mark	Installation Overvoltage 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.

All specifications are subject to change without notice.

# Middle Power DC Power Supply System

## SYS40VDC

MODEL		SYS40VDC12000W	SYS40VDC24000W	SYS40VDC40000W
<b>Input</b>				
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		
<b>Output</b>				
Output Voltage		0~40V		
Output Current		0~360A	0~720A	0~1200A
Output Power		12kW Max	24kW Max	40kW Max
Load Regulation	Voltage	120mV	240mV	400mV
	Current	0.36A	0.75A	1.2A
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	0~360A	0~720A	0~1200A
	Resolution	10mA	10mA	0.1A
	Accuracy	0.1%+0.10%F.S		
Ripple	Voltage	80mVp-p/12mVrms		
	Current	225mA(Full Range)	450mA(Full Range)	750mA(Full Range)
		30mA(TYP Value)	60mA(TYP Value)	100mA(TYP Value)
<b>Measurement</b>				
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	0~360A	0~720A	0~1200A
	Resolution	10mA	10mA	0.1A
	Accuracy	0.1%+0.10%F.S		
<b>Extra Function</b>				
Remote Sense	Range	5V(DC), Max. Total power less than rated power		
Comm. Respondence.		50ms		
Graphic Display		VFD		
Operation Key Feature		Soft key, Numeric 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)		
<b>Remote Control Input/Output signal characteristics</b>				
Remote Input signal		Not Support		
Remote output signal		Not Support		
<b>Environmental</b>				
Operating Temperature		0°C~40°C		
Storage Temperature		-20°C~70°C		
Altitude		2000m		
Relative Humidity		10%-90%, non-condensing		
Temperature Coefficient		100ppm/°C at Voltage, 300ppm/°C at Current		
<b>Mechanical</b>				
Dimensions(W*H*D)		600.0*576.0*700.0 mm	600.0*843.0*700.0 mm	600.0*1196.0*700.0 mm
Package Dimensions(W*H*D)		720.0*890.0*820.0 mm	720.0*1160.0*820.0 mm	720.0*1535.0*820.0 mm
Unit Weight		54kg+15kg*3 (REF)	100.0kg+15kg*6 (REF)	120.0kg+15kg*10 (REF)
Shipping Weight		94kg+15kg*3 (REF)	160.0kg+15kg*6 (REF)	200.0kg+15kg*10 (REF)
<b>Regulatory Compliance</b>				
CE Mark		Installation Overvoltage 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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# Middle Power DC Power Supply System

## SYS75VDC

MODEL	SYS75VDC12000W		SYS75VDC24000W		SYS75VDC40000W	
<b>Input</b>						
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					
<b>Output</b>						
Output Voltage	0~75V					
Output Current	0~180A		0~360A		0~600A	
Output Power	12kW Max		24kW Max		40kW Max	
Load Regulation	Voltage	120mV		240mV		400mV
	Current	0.18A		0.36A		0.6A
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	0~180A		0~360A		0~600A
	Resolution	10mA				
	Accuracy	0.1%+0.10%F.S				
Ripple	Voltage	80mVp-p/16mVrms				
	Current	90mA(Full Range)		180mA(Full Range)		300mA(Full Range)
		15mA(TYP Value)		30mA(TYP Value)		50mA(TYP Value)
<b>Measurement</b>						
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	0~180A		0~360A		0~600A
	Resolution	10mA				
	Accuracy	0.1%+0.10%F.S				
<b>Extra Function</b>						
Remote Sense	Range	5V(DC), Max. Total power less than rated power				
Comm. Respondence.	50ms					
Graphic Display	VFD					
Operation Key Feature	Soft key, Numeric 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)					
<b>Remote Control Input/Output signal characteristics</b>						
Remote Input signal	Not Support					
Remote output signal	Not Support					
<b>Environmental</b>						
Operating Temperature	0°C~40°C					
Storage Temperature	-20°C~70°C					
Altitude	2000m					
Relative Humidity	10%-90%, non-condensing					
Temperature Coefficient	100ppm/°C at Voltage, 300ppm/°C at Current					
<b>Mechanical</b>						
Dimensions(W*H*D)	600.0*576.0*700.0 mm		600.0*843.0*700.0 mm		600.0*1196.0*700.0 mm	
Package Dimensions(W*H*D)	720.0*890.0*820.0 mm		720.0*1160.0*820.0 mm		720.0*1535.0*820.0 mm	
Unit Weight	54kg+15kg*3 (REF)		100.0kg+15kg*6 (REF)		120.0kg+15kg*10 (REF)	
Shipping Weight	94kg+15kg*3 (REF)		160.0kg+15kg*6 (REF)		200.0kg+15kg*10 (REF)	
<b>Regulatory Compliance</b>						
CE Mark	Installation Overvoltage 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 .

All specifications are subject to change without notice.

# Middle Power DC Power Supply System

## SYS80VDC

MODEL		SYS80VDC9000W	SYS80VDC18000W	SYS80VDC30000W
<b>Input</b>				
Voltage		190~265VAC		
Frequency		47~63Hz		
Phase		3 Phase, 4Wire+Groud/Y Connect		
Max.Current		55A	107A	178A
Input Power Max		10.5kW	20.5kW	34kW
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=3kW Model		
<b>Output</b>				
Output Voltage		0~80V		
Output Current		0~180A	0~360A	0~600A
Output Power		9kW Max	18kW Max	30kW Max
Load Regulation	Voltage	120mV	240mV	400mV
	Current	0.18A	0.36A	0.6A
Line Regulation	Voltage	0.02%F.S.+30mV		
	Current	0.02%F.S.+15mA		
Voltage Setting	Range	0~80V		
	Resolution	0.1 mV		
	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	0~180A	0~360A	0~600A
	Resolution	10mA		
	Accuracy	0.1%+0.10%F.S		
Ripple	Voltage	120mVp-p/18mVrms	240mVp-p/36mVrms	400mVp-p/60mVrms
	Current	75mA(Full Range)	150mA(Full Range)	250mA(Full Range)
		15mA(TYP Value)	30mA(TYP Value)	50mA(TYP Value)
<b>Measurement</b>				
Voltage Setting	Range	0~80V		
	Resolution	0.1 mV		
	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	0~180A	0~360A	0~600A
	Resolution	10mA		
	Accuracy	0.1%+0.10%F.S		
<b>Extra Function</b>				
Remote Sense	Range	5V(DC), Max. Total power less than rated power		
Comm. Respondence.		50ms		
Graphic Display		VFD		
Operation Key Feature		Soft key, Numeric 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)		
<b>Remote Control Input/Output signal characteristics</b>				
Remote Input signal		Not Support		
Remote output signal		Not Support		
<b>Environmental</b>				
Operating Temperature		0°C~40°C		
Storage Temperature		-20°C~70°C		
Altitude		2000m		
Relative Humidity		10%-90%, non-condensing		
Temperature Coefficient		100ppm/°C at Voltage, 300ppm/°C at Current		
<b>Mechanical</b>				
Dimensions(W*H*D)		600.0*576.0*700.0 mm	600.0*843.0*700.0 mm	600.0*1196.0*700.0 mm
Package Dimensions(W*H*D)		720.0*890.0*820.0 mm	720.0*1160.0*820.0 mm	720.0*1535.0*820.0 mm
Unit Weight		54kg+15kg*3 (REF)	100.0kg+15kg*6 (REF)	120.0kg+15kg*10 (REF)
Shipping Weight		94kg+15kg*3 (REF)	160.0kg+15kg*6 (REF)	200.0kg+15kg*10 (REF)
<b>Regulatory Compliance</b>				
CE Mark		Installation Overvoltage 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 .

All specifications are subject to change without notice.

# Middle Power DC Power Supply System

## SYS96VDC

MODEL		SYS96VDC12000W
<b>Input</b>		
Voltage	190~265VAC	
Frequency	47~63Hz	
Phase	3 Phase, 4Wire+Groud/Y Connect	
Max.Current	75A	
Input Power Max	15kW	
Power Factorat 220VAC Input , Full Load	0.98 Min. Active PFC	
Efficiency	>88% Max @Full Load and Units=4kW Model	
<b>Output</b>		
Output Voltage	0~96V	
Output Current	0~200A	
Output Power	12kW Max	
Load Regulation	Voltage	90mV
	Current	0.6A
Line Regulation	Voltage	0.02%F.S.+30mV
	Current	0.02%F.S.+15mA
Voltage Setting	Range	0~96V
	Resolution	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	0~200A
	Resolution	1mA
	Accuracy	0.1%+0.10%F.S
Ripple	Voltage	90mVp-p/15mVrms
	Current	800mA(Full Range)
		400mA(TYP Value)
<b>Measurement</b>		
Voltage Setting	Range	0~96V
	Resolution	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	0~200A
	Resolution	1mA
	Accuracy	0.1%+0.10%F.S
<b>Extra Function</b>		
Remote Sense	Range	4V(DC), Max. Total power less than rated power
Comm. Respondence.	50ms	
Graphic Display	VFD	
Operation Key Feature	Soft key, Numeric 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)	
<b>Remote Control Input/Output signal characteristics</b>		
Remote Input signal	Not Support	
Remote output signal	Not Support	
<b>Environmental</b>		
Operating Temperature	0°C~40°C	
Storage Temperature	-20°C~70°C	
Altitude	2000m	
Relative Humidity	10%-90%, non-condensing	
Temperature Coefficient	100ppm/°C at Voltage, 300ppm/°C at Current	
<b>Mechanical</b>		
Dimensions(W*H*D)	600.0*576.0*700.0 mm	
Package Dimensions(W*H*D)	720.0*890.0*820.0 mm	
Unit Weight	54kg+15kg*3 (REF)	
Shipping Weight	94kg+15kg*3 (REF)	
<b>Regulatory Compliance</b>		
CE Mark	Installation Overvoltage 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 .

All specifications are subject to change without notice.



# Middle Power DC Power Supply System

## SYS120VDC

MODEL		SYS120VDC12000W	SYS120VDC24000W	SYS120VDC40000W
<b>Input</b>				
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		
<b>Output</b>				
Output Voltage		0~120V		
Output Current		0~120A	0~240A	0~400A
Output Power		12kW Max	24kW Max	40kW Max
Load Regulation	Voltage	120mV	240mV	400mV
	Current	0.12A	0.24A	0.4A
Line Regulation	Voltage	0.02%F.S.+30mV		
	Current	0.02%F.S.+15mA		
Voltage Setting	Range	0~120V		
	Resolution	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	0~120A	0~240A	0~400A
	Resolution	10mA		
	Accuracy	0.1%+0.10%F.S		
Ripple	Voltage	160mVp-p/30mVrms		
	Current	90mA(Full Range)	180mA(Full Range)	300mA(Full Range)
		15mA(TYP Value)	30mA(TYP Value)	50mA(TYP Value)
<b>Measurement</b>				
Voltage Setting	Range	0~120V		
	Resolution	0.1mV	1mV	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	0~120A	0~240A	0~400A
	Resolution	10mA		
	Accuracy	0.1%+0.10%F.S		
<b>Extra Function</b>				
Remote Sense	Range	5V(DC), Max. Total power less than rated power		
Comm. Respondence.		50ms		
Graphic Display		VFD		
Operation Key Feature		Soft key, Numeric 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)		
<b>Remote Control Input/Output signal characteristics</b>				
Remote Input signal		Not Support		
Remote output signal		Not Support		
<b>Environmental</b>				
Operating Temperature		0°C~40°C		
Storage Temperature		-20°C~70°C		
Altitude		2000m		
Relative Humidity		10%-90%, non-condensing		
Temperature Coefficient		100ppm/°C at Voltage, 300ppm/°C at Current		
<b>Mechanical</b>				
Dimensions(W*H*D)		600.0*576.0*700.0 mm	600.0*843.0*700.0 mm	600.0*1196.0*700.0 mm
Package Dimensions(W*H*D)		720.0*890.0*820.0 mm	720.0*1160.0*820.0 mm	720.0*1535.0*820.0 mm
Unit Weight		54kg+15kg*3 (REF)	100.0kg+15kg*6 (REF)	120.0kg+15kg*10 (REF)
Shipping Weight		94kg+15kg*3 (REF)	160.0kg+15kg*6 (REF)	200.0kg+15kg*10 (REF)
<b>Regulatory Compliance</b>				
CE Mark		Installation Overvoltage 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 .

All specifications are subject to change without notice.

# Middle Power DC Power Supply System

## SYS150VDC

MODEL		SYS150VDC12000W	SYS150VDC24000W	SYS150VDC40000W
<b>Input</b>				
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		
<b>Output</b>				
Output Voltage		0~150V		
Output Current		0~90A	0~180A	0~300A
Output Power		12kW Max	24kW Max	40kW Max
Load Regulation	Voltage	120mV	240mV	400mV
	Current	0.09A	0.18A	0.3A
Line Regulation	Voltage	0.02%F.S.+30mV		
	Current	0.02%F.S.+15mA		
Voltage Setting	Range	0~150V		
	Resolution	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	0~90A	0~180A	0~300A
	Resolution	1mA	10mA	10mA
	Accuracy	0.1%+0.10%F.S		
Ripple	Voltage	160mVp-p/30mVrms		
	Current	90mA(Full Range)	180mA(Full Range)	300mA(Full Range)
		15mA(TYP Value)	30mA(TYP Value)	50mA(TYP Value)
<b>Measurement</b>				
Voltage Setting	Range	0~150V		
	Resolution	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	0~90A	0~180A	0~300A
	Resolution	1mA	10mA	10mA
	Accuracy	0.1%+0.10%F.S		
<b>Extra Function</b>				
Remote Sense	Range	5V(DC), Max. Total power less than rated power		
Comm. Respondence.		50ms		
Graphic Display		VFD		
Operation Key Feature		Soft key, Numeric 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)		
<b>Remote Control Input/Output signal characteristics</b>				
Remote Input signal		Not Support		
Remote output signal		Not Support		
<b>Environmental</b>				
Operating Temperature		0°C~40°C		
Storage Temperature		-20°C~70°C		
Altitude		2000m		
Relative Humidity		10%-90%, non-condensing		
Temperature Coefficient		100ppm/°C at Voltage, 300ppm/°C at Current		
<b>Mechanical</b>				
Dimensions(W*H*D)		600.0*576.0*700.0 mm	600.0*843.0*700.0 mm	600.0*1196.0*700.0 mm
Package Dimensions(W*H*D)		720.0*890.0*820.0 mm	720.0*1160.0*820.0 mm	720.0*1535.0*820.0 mm
Unit Weight		54kg+15kg*3 (REF)	100.0kg+15kg*6 (REF)	120.0kg+15kg*10 (REF)
Shipping Weight		94kg+15kg*3 (REF)	160.0kg+15kg*6 (REF)	200.0kg+15kg*10 (REF)
<b>Regulatory Compliance</b>				
CE Mark		Installation Overvoltage 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.

All specifications are subject to change without notice.

# Middle Power DC Power Supply System

## SYS192VDC

MODEL		SYS192VDC24000W	
<b>Input</b>			
Voltage	190~265VAC		
Frequency	47~63Hz		
Phase	3 Phase, 4Wire+Groud/Y Connect		
Max.Current	150A		
Input Power Max	28.5kW		
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		
<b>Output</b>			
Output Voltage	0~192V		
Output Current	0~200A		
Output Power	24kW Max		
Load Regulation	Voltage	180mV	
	Current	1.2A	
Line Regulation	Voltage	0.02%F.S.+30mV	
	Current	0.02%F.S.+15mA	
Voltage Setting	Range	0~192V	
	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	0~200A	
	Resolution	1mA	
	Accuracy	0.1%+0.10%F.S	
Ripple	Voltage	180mVp-p/30mVrms	
	Current	800mA(Full Range) 400mA(TYP Value)	
<b>Measurement</b>			
Voltage Setting	Range	0~192V	
	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	0~200A	
	Resolution	1mA	
	Accuracy	0.1%+0.10%F.S	
<b>Extra Function</b>			
Remote Sense	Range	4V(DC), Max. Total power less than rated power	
Comm. Respondence.	50ms		
Graphic Display	VFD		
Operation Key Feature	Soft key, Numeric 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)		
<b>Remote Control Input/Output signal characteristics</b>			
Remote Input signal	Not Support		
Remote output signal	Not Support		
<b>Environmental</b>			
Operating Temperature	0°C~40°C		
Storage Temperature	-20°C~70°C		
Altitude	2000m		
Relative Humidity	10%-90%, non-condensing		
Temperature Coefficient	100ppm/°C at Voltage, 300ppm/°C at Current		
<b>Mechanical</b>			
Dimensions(W*H*D)	600.0*843.0*700.0 mm		
Package Dimensions (W*H*D)	720.0*1160.0*820.0 mm		
Unit Weight	100.0kg+15kg*6 (REF)		
Shipping Weight	160.0kg+15kg*6 (REF)		
<b>Regulatory Compliance</b>			
CE Mark	Installation Overvoltage 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 .

All specifications are subject to change without notice.

# Middle Power DC Power Supply System

## SYS200VDC

MODEL		SYS200VDC12000W	SYS200VDC24000W	SYS200VDC40000W
<b>Input</b>				
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		
<b>Output</b>				
Output Voltage		0~200V		
Output Current		0~72A	0~144A	0~240A
Output Power		12kW Max	24kW Max	40kW Max
Load Regulation	Voltage	180mV	360mV	600mV
	Current	72mA	144mA	240mA
Line Regulation	Voltage	0.02%F.S.+30mV		
	Current	0.02%F.S.+15mA		
Voltage Setting	Range	0~200V		
	Resolution	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	0~72A	0~144A	0~240A
	Resolution	1mA	10mA	10mA
	Accuracy	0.1%+0.10%F.S		
Ripple	Voltage	300mVp-p/60mVrms		
	Current	75mA(Full Range)	150mA(Full Range)	250mA(Full Range)
		30mA(TYP Value)	60mA(TYP Value)	100mA(TYP Value)
<b>Measurement</b>				
Voltage Setting	Range	0~200V		
	Resolution	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	0~72A	0~144A	0~240A
	Resolution	1mA	10mA	10mA
	Accuracy	0.1%+0.10%F.S		
<b>Extra Function</b>				
Remote Sense	Range	5V(DC), Max. Total power less than rated power		
Comm. Responce.		50ms		
Graphic Display		VFD		
Operation Key Feature		Soft key, Numeric 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)		
<b>Remote Control Input/Output signal characteristics</b>				
Remote Input signal		Not Support		
Remote output signal		Not Support		
<b>Environmental</b>				
Operating Temperature		0°C~40°C		
Storage Temperature		-20°C~70°C		
Altitude		2000m		
Relative Humidity		10%-90%, non-condensing		
Temperature Coefficient		100ppm/°C at Voltage, 300ppm/°C at Current		
<b>Mechanical</b>				
Dimensions(W*H*D)		600.0*576.0*700.0 mm	600.0*843.0*700.0 mm	600.0*1196.0*700.0 mm
Package Dimensions(W*H*D)		720.0*890.0*820.0 mm	720.0*1160.0*820.0 mm	720.0*1535.0*820.0 mm
Unit Weight		54kg+15kg*3 (REF)	100.0kg+15kg*6 (REF)	120.0kg+15kg*10 (REF)
Shipping Weight		94kg+15kg*3 (REF)	160.0kg+15kg*6 (REF)	200.0kg+15kg*10 (REF)
<b>Regulatory Compliance</b>				
CE Mark		Installation Overvoltage Category II; Class II equipment; indoor use only.		

\*F.S. represents the maximum value of the output range.

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All specifications are subject to change without notice.



Efficiency, Stability, Reliable, Precision

# Middle Power DC Power Supply System

## SYS225VDC

MODEL		SYS225VDC12000W
<b>Input</b>		
Voltage	190~265VAC	
Frequency	47~63Hz	
Phase	3 Phase, 4Wire+Groud/Y Connect	
Max.Current	75A	
Input Power Max	15kW	
Power Factor at 220VAC Input , Full Load	0.98 Min. Active PFC	
Efficiency	>88% Max @Full Load and Units=4kW Model	
<b>Output</b>		
Output Voltage	0~225V	
Output Current	0~60A	
Output Power	12kW Max	
Load Regulation	Voltage	120mV
	Current	0.18A
Line Regulation	Voltage	0.02%F.S.+30mV
	Current	0.02%F.S.+15mA
Voltage Setting	Range	0~225V
	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	0~60A
	Resolution	0.1mA
	Accuracy	0.1%+0.10%F.S
Ripple	Voltage	60mVp-p/12mVrms
	Current	120mA(Full Range)
		20mA(TYP Value)
<b>Measurement</b>		
Voltage Setting	Range	0~225V
	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	0~60A
	Resolution	0.1mA
	Accuracy	0.1%+0.10%F.S
<b>Extra Function</b>		
Remote Sense	Range	5V(DC), Max. Total power less than rated power
Comm. Respondence.	50ms	
Graphic Display	VFD	
Operation Key Feature	Soft key, Numeric key, Rotary Knob	
Rack mount Handles	Yes	
FAN	Temperature Control	
Protection Circuits	OCP, OVP, OPP, OTP, FAN	
Interface	USB, RS485, RS232, LAN(Standard); GPIB(Optional)	
<b>Remote Control Input/Output signal characteristics</b>		
Remote Input signal	Not Support	
Remote output signal	Not Support	
<b>Environmental</b>		
Operating Temperature	0°C~40°C	
Storage Temperature	-20°C~70°C	
Altitude	2000m	
Relative Humidity	10%-90%, non-condensing	
Temperature Coefficient	100ppm/°C at Voltage, 300ppm/°C at Current	
<b>Mechanical</b>		
Dimensions(W*H*D)	600.0*576.0*700.0 mm	
Package Dimensions(W*H*D)	720.0*890.0*820.0 mm	
Unit Weight	54kg+15kg*3 (REF)	
Shipping Weight	94kg+15kg*3 (REF)	
<b>Regulatory Compliance</b>		
CE Mark	Installation Overvoltage 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.

All specifications are subject to change without notice.

# Middle Power DC Power Supply System

## SYS240VDC

MODEL		SYS240VDC9000W	SYS240VDC24000W
<b>Input</b>			
Voltage		190~265VAC	
Frequency		47~63Hz	
Phase		3 Phase,4Wire+Groud/Y Connect	
Max.Current		55A	150A
Input Power Max		10.5kW	28.5kW
Power Factor at 220VAC Input , Full Load		0.98 Min. Active PFC	
Efficiency		>88% Max @Full Load and Units=3kW Model	>88% Max @Full Load and Units=4kW Model
<b>Output</b>			
Output Voltage		0~240V	
Output Current		0~60A	0~120A
Output Power		9kW Max	24kW Max
Load Regulation	Voltage	120mV	240mV
	Current	0.18A	0.75A
Line Regulation	Voltage	0.02%F.S.+30mV	
	Current	0.02%F.S.+15mA	
Voltage Setting	Range	0~240V	
	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	0~60A	0~120A
	Resolution	2mA	1mA
	Accuracy	0.1%+0.10%F.S	
Ripple	Voltage	60mVp-p/9mVrms	120mVp-p/18mVrms
	Current	150mA(Full Range)	300mA(Full Range)
		30mA(TYP Value)	0mA(TYP Value)
<b>Measurement</b>			
Voltage Setting	Range	0~240V	
	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	0~60A	0~120A
	Resolution	2mA	1mA
	Accuracy	0.1%+0.10%F.S	
<b>Extra Function</b>			
Remote Sense	Range	5V(DC), Max. Total power less than rated power	
Comm. Respondence.		50ms	
Graphic Display		VFD	
Operation Key Feature		Soft key, Numeric 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)	
<b>Remote Control Input/Output signal characteristics</b>			
Remote Input signal		Not Support	
Remote output signal		Not Support	
<b>Environmental</b>			
Operating Temperature		0°C~40°C	
Storage Temperature		-20°C~70°C	
Altitude		2000m	
Relative Humidity		10%-90%, non-condensing	
Temperature Coefficient		100ppm/°C at Voltage, 300ppm/°C at Current	
<b>Mechanical</b>			
Dimensions(W*H*D)		600.0*576.0*700.0mm	600.0*843.0*700.0 mm
Package Dimensions(W*H*D)		720.0*890.0*820.0mm	720.0*1160.0*820.0 mm
Unit Weight		54kg+15kg*3 (REF)	100.0kg+15kg*6 (REF)
Shipping Weight		94kg+15kg*3 (REF)	160.0kg+15kg*6 (REF)
<b>Regulatory Compliance</b>			
CE Mark		Installation Overvoltage 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 .

All specifications are subject to change without notice.



# Middle Power DC Power Supply System

## SYS320VDC

MODEL		SYS320VDC40000W
<b>Input</b>		
Voltage	190~265VAC	
Frequency	47~63Hz	
Phase	3 Phase, 4Wire+Groud/Y Connect	
Max.Current	250A	
Input Power Max	47.5kW	
Power Factor at 220VAC Input , Full Load	0.98 Min. Active PFC	
Efficiency	>88% Max @Full Load and Units=4kW Model	
<b>Output</b>		
Output Voltage	0~320V	
Output Current	0~200A	
Output Power	40kW Max	
Load Regulation	Voltage	300mV
	Current	2A
Line Regulation	Voltage	0.02%F.S.+30mV
	Current	0.02%F.S.+15mA
Voltage Setting	Range	0~320V
	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	0~200A
	Resolution	1mA
	Accuracy	0.1%+0.10%F.S
Ripple	Voltage	300mVp-p/50mVrms
	Current	800mA(Full Range)
		400mA(TYP Value)
<b>Measurement</b>		
Voltage Setting	Range	0~320V
	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	0~200A
	Resolution	1mA
	Accuracy	0.1%+0.10%F.S
<b>Extra Function</b>		
Remote Sense	Range	4V(DC), Max. Total power less than rated power
Comm. Respondence.	50ms	
Graphic Display	VFD	
Operation Key Feature	Soft key, Numeric 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)	
<b>Remote Control Input/Output signal characteristics</b>		
Remote Input signal	Not Support	
Remote output signal	Not Support	
<b>Environmental</b>		
Operating Temperature	0°C~40°C	
Storage Temperature	-20°C~70°C	
Altitude	2000m	
Relative Humidity	10%-90%, non-condensing	
Temperature Coefficient	100ppm/°C at Voltage, 300ppm/°C at Current	
<b>Mechanical</b>		
Dimensions(W*H*D)	600.0*1196.0*700.0 mm	
Package Dimensions(W*H*D)	720.0*1535.0*820.0 mm	
Unit Weight	120.0kg+15kg*10 (REF)	
Shipping Weight	200.0kg+15kg*10 (REF)	
<b>Regulatory Compliance</b>		
CE Mark	Installation Overvoltage 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.

All specifications are subject to change without notice.

# Middle Power DC Power Supply System

## SYS360VDC

MODEL		SYS360VDC12000W
<b>Input</b>		
Voltage	190~265VAC	
Frequency	47~63Hz	
Phase	3 Phase, 4Wire+Groud/Y Connect	
Max.Current	75A	
Input Power Max	15kW	
Power Factor at 220VAC Input , Full Load	0.98 Min. Active PFC	
Efficiency	>88% Max @Full Load and Units=4kW Model	
<b>Output</b>		
Output Voltage	0~360V	
Output Current	0~40A	
Output Power	12kW Max	
Load Regulation	Voltage	120mV
	Current	0.12A
Line Regulation	Voltage	0.02%F.S.+30mV
	Current	0.02%F.S.+15mA
Voltage Setting	Range	0~360V
	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	0~40A
	Resolution	0.1mA
	Accuracy	0.1%+0.10%F.S
Ripple	Voltage	120mVp-p/22.5mVrms
	Current	120mA(Full Range)
		20mA(TYP Value)
<b>Measurement</b>		
Voltage Setting	Range	0~360V
	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	0~40A
	Resolution	0.1mA
	Accuracy	0.1%+0.10%F.S
<b>Extra Function</b>		
Remote Sense	Range	5V(DC), Max. Total power less than rated power
Comm. Respondence.	50ms	
Graphic Display	VFD	
Operation Key Feature	Soft key, Numeric 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)	
<b>Remote Control Input/Output signal characteristics</b>		
Remote Input signal	Not Support	
Remote output signal	Not Support	
<b>Environmental</b>		
Operating Temperature	0°C~40°C	
Storage Temperature	-20°C~70°C	
Altitude	2000m	
Relative Humidity	10%-90%, non-condensing	
Temperature Coefficient	100ppm/°C at Voltage, 300ppm/°C at Current	
<b>Mechanical</b>		
Dimensions(W*H*D)	600.0*576.0*700.0 mm	
Package Dimensions(W*H*D)	720.0*890.0*820.0 mm	
Unit Weight	4kg+15kg*3 (REF)	
Shipping Weight	94kg+15kg*3 (REF)	
<b>Regulatory Compliance</b>		
CE Mark	Installation Overvoltage 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.

All specifications are subject to change without notice.

# Middle Power DC Power Supply System

## SYS400VDC

MODEL		SYS400VDC40000W
<b>Input</b>		
Voltage	190~265VAC	
Frequency	47~63Hz	
Phase	3 Phase, 4Wire+Groud/Y Connect	
Max.Current	250A	
Input Power Max	47.5kW	
Power Factor at 220VAC Input , Full Load	0.98 Min. Active PFC	
Efficiency	>88% Max @Full Load and Units=4kW Model	
<b>Output</b>		
Output Voltage	0~400V	
Output Current	0~120A	
Output Power	40kW Max	
Load Regulation	Voltage	400mV
	Current	1.2A
Line Regulation	Voltage	0.02%F.S.+30mV
	Current	0.02%F.S.+15mA
Voltage Setting	Range	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	0~120A
	Resolution	1mA
	Accuracy	0.1%+0.10%F.S
Ripple	Voltage	200mVp-p/30mVrms
	Current	300mA(Full Range)
		40mA(TYP Value)
<b>Measurement</b>		
Voltage Setting	Range	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	0~120A
	Resolution	1mA
	Accuracy	0.1%+0.10%F.S
<b>Extra Function</b>		
Remote Sense	Range	5V(DC), Max. Total power less than rated power
Comm. Respondence.	50ms	
Graphic Display	VFD	
Operation Key Feature	Soft key, Numeric 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)	
<b>Remote Control Input/Output signal characteristics</b>		
Remote Input signal	Not Support	
Remote output signal	Not Support	
<b>Environmental</b>		
Operating Temperature	0°C~40°C	
Storage Temperature	-20°C~70°C	
Altitude	2000m	
Relative Humidity	10%-90%, non-condensing	
Temperature Coefficient	100ppm/°C at Voltage, 300ppm/°C at Current	
<b>Mechanical</b>		
Dimensions(W*H*D)	600.0*1196.0*700.0 mm	
Package Dimensions(W*H*D)	720.0*1535.0*820.0 mm	
Unit Weight	120.0kg+15kg*10 (REF)	
Shipping Weight	200.0kg+ 15kg*10 (REF)	
<b>Regulatory Compliance</b>		
CE Mark	Installation Overvoltage 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 .

All specifications are subject to change without notice.

# Middle Power DC Power Supply System

## SYS450VDC

MODEL		SYS450VDC12000W	SYS450VDC24000W
<b>Input</b>			
Voltage		190~265VAC	
Frequency		47~63Hz	
Phase		3 Phase, 4Wire+Groud/Y Connect	
Max.Current		75A	150A
Input Power Max		15kW	28.5kW
Power Factor at 220VAC Input , Full Load		0.98 Min. Active PFC	
Efficiency		>88% Max @Full Load and Units=4kW Model	
<b>Output</b>			
Output Voltage		0~450V	
Output Current		0~30A	0~60A
Output Power		12kW Max	24kW Max
Load Regulation	Voltage	120mV	240mV
	Current	0.09A	0.36A
Line Regulation	Voltage	0.02%F.S.+30mV	
	Current	0.02%F.S.+15mA	
Voltage Setting	Range	0~450V	
	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	0~30A	0~60A
	Resolution	0.1mA	
	Accuracy	0.1%+0.10%F.S	
Ripple	Voltage	120mVp-p/22.5mVrms	120mVp-p/24mVrms
	Current	120mA(Full Range)	
		20mA(TYP Value)	
<b>Measurement</b>			
Voltage Setting	Range	0~450V	
	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	0~30A	0~60A
	Resolution	0.1mA	
	Accuracy	0.1%+0.10%F.S	
<b>Extra Function</b>			
Remote Sense	Range	5V(DC), Max. Total power less than rated power	
Comm. Respondence.		50ms	
Graphic Display		VFD	
Operation Key Feature		Soft key, Numeric 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)	
<b>Remote Control Input/Output signal characteristics</b>			
Remote Input signal		Not Support	
Remote output signal		Not Support	
<b>Environmental</b>			
Operating Temperature		0°C~40°C	
Storage Temperature		-20°C~70°C	
Altitude		2000m	
Relative Humidity		10%-90%, non-condensing	
Temperature Coefficient		100ppm/°C at Voltage, 300ppm/°C at Current	
<b>Mechanical</b>			
Dimensions(W*H*D)		600.0*576.0*700.0 mm	600.0*843.0*700.0 mm
Package Dimensions(W*H*D)		720.0*890.0*820.0 mm	720.0*1160.0*820.0 mm
Unit Weight		54kg+15kg*3 (REF)	100.0kg+ 15kg*6 (REF)
Shipping Weight		94kg+15kg*3 (REF)	160.0kg+ 15kg*6 (REF)
<b>Regulatory Compliance</b>			
CE Mark		Installation Overvoltage 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 .

All specifications are subject to change without notice.

# Middle Power DC Power Supply System

## SYS480VDC

MODEL		SYS480VDC18000W
<b>Input</b>		
Voltage	190~265VAC	
Frequency	47~63Hz	
Phase	3 Phase, 4Wire+Groud/Y Connect	
Max.Current	107A	
Input Power Max	20.5kW	
Power Factor at 220VAC Input , Full Load	0.98 Min. Active PFC	
Efficiency	>88% Max @Full Load and Units=3kW Model	
<b>Output</b>		
Output Voltage	0~480V	
Output Current	0~60A	
Output Power	18kW Max	
Load Regulation	Voltage	240mV
	Current	0.36A
Line Regulation	Voltage	0.02%F.S.+30mV
	Current	0.02%F.S.+15mA
Voltage Setting	Range	0~480V
	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	0~60A
	Resolution	2mA
	Accuracy	0.1%+0.10%F.S
Ripple	Voltage	120mVp-p/18mVrms
	Current	300mA(Full Range)
		60mA(TYP Value)
<b>Measurement</b>		
Voltage Setting	Range	0~480V
	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	0~60A
	Resolution	2mA
	Accuracy	0.1%+0.10%F.S
<b>Extra Function</b>		
Remote Sense	Range	5V(DC), Max. Total power less than rated power
Comm. Respondence.	50ms	
Graphic Display	VFD	
Operation Key Feature	Soft key, Numeric 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)	
<b>Remote Control Input/Output signal characteristics</b>		
Remote Input signal	Not Support	
Remote output signal	Not Support	
<b>Environmental</b>		
Operating Temperature	0°C~40°C	
Storage Temperature	-20°C~70°C	
Altitude	2000m	
Relative Humidity	10%-90%, non-condensing	
Temperature Coefficient	100ppm/°C at Voltage, 300ppm/°C at Current	
<b>Mechanical</b>		
Dimensions(W*H*D)	600.0*843.0*700.0 mm	
Package Dimensions(W*H*D)	720.0*1160.0*820.0 mm	
Unit Weight	100.0kg+15kg*6 (REF)	
Shipping Weight	160.0kg+15kg*6 (REF)	
<b>Regulatory Compliance</b>		
CE Mark	Installation Overvoltage 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 .

All specifications are subject to change without notice.

# Middle Power DC Power Supply System

## SYS600VDC

MODEL	SYS600VDC12000W		SYS600VDC24000W	SYS600VDC40000W
<b>Input</b>				
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			
<b>Output</b>				
Output Voltage	0~600V			
Output Current	0~30A	0~60A	0~100A	
Output Power	12kW Max	24kW Max	40kW Max	
Load Regulation	Voltage	240mV	480mV	800mV
	Current	30mA	60mA	100mA
Line Regulation	Voltage	0.02%F.S.+30mV		
	Current	0.02%F.S.+15mA		
Voltage Setting	Range	0~600V		
	Resolution	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	0~30A	0~60A	0~100A
	Resolution	1mA		
	Accuracy	0.1%+0.10%F.S		
Ripple	Voltage	700mVp-p/80mVrms		
	Current	37.5mA(Full Range)	75mA(Full Range)	125mA(Full Range)
		15mA(TYP Value)	30mA(TYP Value)	50mA(TYP Value)
<b>Measurement</b>				
Voltage Setting	Range	0~600V		
	Resolution	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	0~30A	0~60A	0~100A
	Resolution	1mA	1mA	10mA
	Accuracy	0.1%+0.10%F.S		
<b>Extra Function</b>				
Remote Sense	Range	5V(DC), Max. Total power less than rated power		
Comm. Responce.		50ms		
Graphic Display		VFD		
Operation Key Feature		Soft key, Numeric 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)		
<b>Remote Control Input/Output signal characteristics</b>				
Remote Input signal		Not Support		
Remote output signal		Not Support		
<b>Environmental</b>				
Operating Temperature		0°C~40°C		
Storage Temperature		-20°C~70°C		
Altitude		2000m		
Relative Humidity		10%-90%, non-condensing		
Temperature Coefficient		100ppm/°C at Voltage, 300ppm/°C at Current		
<b>Mechanical</b>				
Dimensions(W*H*D)		600.0*576.0*700.0 mm	600.0*843.0*700.0 mm	600.0*1196.0*700.0 mm
Package Dimensions(W*H*D)		720.0*890.0*820.0 mm	720.0*1160.0*820.0 mm	720.0*1535.0*820.0 mm
Unit Weight		54kg+15kg*3 (REF)	100.0kg+15kg*6 (REF)	120.0kg+15kg*10 (REF)
Shipping Weight		94kg+15kg*3 (REF)	160.0kg+15kg*6 (REF)	200.0kg+15kg*10 (REF)
<b>Regulatory Compliance</b>				
CE Mark		Installation Overvoltage 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 .

All specifications are subject to change without notice.



# Middle Power DC Power Supply System

## SYS720VDC

MODEL		SYS720VDC24000W
<b>Input</b>		
Voltage		190~265VAC
Frequency		47~63Hz
Phase		3 Phase, 4Wire+Groud/Y Connect
Max.Current		150A
Input Power Max		28.5kW
Power Factor at 220VAC Input , Full Load		0.98 Min. Active PFC
Efficiency		>88% Max @Full Load and Units=4kW Model
<b>Output</b>		
Output Voltage		0~720V
Output Current		0~40A
Output Power		24kW Max
Load Regulation	Voltage	240mV
	Current	0.24A
Line Regulation	Voltage	0.02%F.S.+30mV
	Current	0.02%F.S.+15mA
Voltage Setting	Range	0~720V
	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	0~40A
	Resolution	0.1mA
	Accuracy	0.1%+0.10%F.S
Ripple	Voltage	240mVp-p/45mVrms
	Current	120mA(Full Range)
		20mA(TYP Value)
<b>Measurement</b>		
Voltage Setting	Range	0~720V
	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	0~40A
	Resolution	0.1mA
	Accuracy	0.1%+0.10%F.S
<b>Extra Function</b>		
Remote Sense	Range	5V(DC), Max. Total power less than rated power
Comm. Respondence.		50ms
Graphic Display		VFD
Operation Key Feature		Soft key, Numeric 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)
<b>Remote Control Input/Output signal characteristics</b>		
Remote Input signal		Not Support
Remote output signal		Not Support
<b>Environmental</b>		
Operating Temperature		0°C~40°C
Storage Temperature		-20°C~70°C
Altitude		2000m
Relative Humidity		10%-90%, non-condensing
Temperature Coefficient		100ppm/°C at Voltage, 300ppm/°C at Current
<b>Mechanical</b>		
Dimensions(W*H*D)		600.0*843.0*700.0 mm
Package Dimensions(W*H*D)		720.0*1160.0*820.0 mm
Unit Weight		100.0kg+15kg*6 (REF)
Shipping Weight		160.0kg+15kg*6 (REF)
<b>Regulatory Compliance</b>		
CE Mark		Installation Overvoltage 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.

All specifications are subject to change without notice.

# Middle Power DC Power Supply System

## SYS750VDC

MODEL		SYS750VDC40000W
<b>Input</b>		
Voltage		190~265VAC
Frequency		47~63Hz
Phase		3 Phase, 4Wire+Groud/Y Connect
Max.Current		250A
Input Power Max		47.5kW
Power Factor at 220VAC Input , Full Load		0.98 Min. Active PFC
Efficiency		>88% Max @Full Load and Units=4kW Model
<b>Output</b>		
Output Voltage		0~750V
Output Current		0~60A
Output Power		40kW Max
Load Regulation	Voltage	400mV
	Current	0.6A
Line Regulation	Voltage	0.02%F.S.+30mV
	Current	0.02%F.S.+15mA
Voltage Setting	Range	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	0~60A
	Resolution	0.1mA
	Accuracy	0.1%+0.10%F.S
Ripple	Voltage	200mVp-p/40mVrms
	Current	120mA(Full Range)
		20mA(TYP Value)
<b>Measurement</b>		
Voltage Setting	Range	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	0~60A
	Resolution	0.1mA
	Accuracy	0.1%+0.10%F.S
<b>Extra Function</b>		
Remote Sense	Range	5V(DC), Max. Total power less than rated power
Comm. Responce.		50ms
Graphic Display		VFD
Operation Key Feature		Soft key, Numeric 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)
<b>Remote Control Input/Output signal characteristics</b>		
Remote Input signal		Not Support
Remote output signal		Not Support
<b>Environmental</b>		
Operating Temperature		0°C~40°C
Storage Temperature		-20°C~70°C
Altitude		2000m
Relative Humidity		10%-90%, non-condensing
Temperature Coefficient		100ppm/°C at Voltage, 300ppm/°C at Current
<b>Mechanical</b>		
Dimensions(W*H*D)		600.0*1196.0*700.0 mm
Package Dimensions(W*H*D)		720.0*1535.0*820.0 mm
Unit Weight		120.0kg+15kg*10 (REF)
Shipping Weight		200.0kg+15kg*10 (REF)
<b>Regulatory Compliance</b>		
CE Mark		Installation Overvoltage 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.

All specifications are subject to change without notice.

# Middle Power DC Power Supply System

## SYS800VDC

MODEL	SYS800VDC12000W	SYS800VDC24000W	SYS800VDC30000W	SYS800VDC40000W
<b>Input</b>				
Voltage	190~265VAC			
Frequency	47~63Hz			
Phase	3 Phase, 4Wire+Groud/Y Connect			
Max.Current	75A	150A	178A	250A
Input Power Max	15kW	28.5kW	34kW	47.5kW
Power Factor at 220VAC Input , Full Load	0.98 Min. Active PFC			
Efficiency	>88% Max @Full Load and Units=4kW Model	>88% Max @Full Load and Units=4kW Model	>88% Max @Full Load and Units=3kW Model	>88% Max @Full Load and Units=4kW Model
<b>Output</b>				
Output Voltage	0~800V			
Output Current	0~22.5A	0~45A	0~60A	0~75A
Output Power	12kW Max	24kW Max	30kW Max	40kW Max
Load Regulation	Voltage	1.5V	3V	400mV
	Current	22.5mA	45mA	0.6A
Line Regulation	Voltage	0.02%F.S.+30mV		
	Current	0.02%F.S.+15mA		
Voltage Setting	Range	0~800V		
	Resolution	1mV	1mV	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	0~22.5A	0~45A	0~60A
	Resolution	1mA	1mA	2mA
	Accuracy	0.1%+0.10%F.S		
Ripple	Voltage	1600mVp-p/400mVrms	1600mVp-p/400mVrms	200mVp-p/30mVrms
	Current	37.5mA(Full Range) 15mA(TYP Value)	75mA(Full Range) 30mA(TYP Value)	500mA(Full Range) 100mA(TYP Value)
<b>Measurement</b>				
Voltage Setting	Range	0~800V		
	Resolution	1mV	1mV	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	0~22.5A	0~45A	0~60A
	Resolution	1mA	1mA	2mA
	Accuracy	0.1%+0.10%F.S		
<b>Extra Function</b>				
Remote Sense	Range	5V(DC), Max. Total power less than rated power		
Comm. Respondence.	50ms			
Graphic Display	VFD			
Operation Key Feature	Soft key, Numeric 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)			
<b>Remote Control Input/Output signal characteristics</b>				
Remote Input signal	Not Support			
Remote output signal	Not Support			
<b>Environmental</b>				
Operating Temperature	0°C~40°C			
Storage Temperature	-20°C~70°C			
Altitude	2000m			
Relative Humidity	10%-90%, non-condensing			
Temperature Coefficient	100ppm/°C at Voltage, 300ppm/°C at Current			
<b>Mechanical</b>				
Dimensions(W*H*D)	600.0*576.0*700.0 mm	600.0*843.0*700.0 mm	600.0*1196.0*700.0 mm	600.0*1196.0*700.0 mm
Package Dimensions(W*H*D)	720.0*890.0*820.0 mm	720.0*1160.0*820.0 mm	720.0*1535.0*820.0 mm	720.0*1535.0*820.0 mm
Unit Weight	54kg+15kg*3 (REF)	100.0kg+15kg*6 (REF)	120.0kg+15kg*10 (REF)	120.0kg+15kg*10 (REF)
Shipping Weight	94kg+15kg*3 (REF)	160.0kg+15kg*6 (REF)	200.0kg+15kg*10 (REF)	200.0kg+15kg*10 (REF)
<b>Regulatory Compliance</b>				
CE Mark	Installation Overvoltage 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 .

All specifications are subject to change without notice.

# Middle Power DC Power Supply System

## SYS900VDC

MODEL		SYS900VDC24000W
<b>Input</b>		
Voltage		190~265VAC
Frequency		47~63Hz
Phase		3 Phase, 4Wire+Groud/Y Connect
Max.Current		150A
Input Power Max		28.5kW
Power Factor at 220VAC Input , Full Load		0.98 Min. Active PFC
Efficiency		>88% Max @Full Load and Units=4kW Model
<b>Output</b>		
Output Voltage		0~900V
Output Current		0~30A
Output Power		24kW Max
Load Regulation	Voltage	240mV
	Current	0.18A
Line Regulation	Voltage	0.02%F.S.+30mV
	Current	0.02%F.S.+15mA
Voltage Setting	Range	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	0~30A
	Resolution	0.1mA
	Accuracy	0.1%+0.10%F.S
Ripple	Voltage	240mVp-p/45mVrms
	Current	120mA(Full Range)
		20mA(TYP Value)
<b>Measurement</b>		
Voltage Setting	Range	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	0~30A
	Resolution	0.1mA
	Accuracy	0.1%+0.10%F.S
<b>Extra Function</b>		
Remote Sense	Range	5V(DC), Max. Total power less than rated power
Comm. Respondence.		50ms
Graphic Display		VFD
Operation Key Feature		Soft key, Numeric 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)
<b>Remote Control Input/Output signal characteristics</b>		
Remote Input signal		Not Support
Remote output signal		Not Support
<b>Environmental</b>		
Operating Temperature		0°C~40°C
Storage Temperature		-20°C~70°C
Altitude		2000m
Relative Humidity		10%-90%, non-condensing
Temperature Coefficient		100ppm/°C at Voltage, 300ppm/°C at Current
<b>Mechanical</b>		
Dimensions(W*H*D)		600.0*843.0*700.0 mm
Package Dimensions(W*H*D)		720.0*1160.0*820.0 mm
Unit Weight		100.0kg+15kg*6 (REF)
Shipping Weight		160.0kg+15kg*6 (REF)
<b>Regulatory Compliance</b>		
CE Mark		Installation Overvoltage 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.

All specifications are subject to change without notice.

# Middle Power DC Power Supply System

## SYS1200VDC

MODEL		SYS1200VDC24000W	SYS1200VDC40000W
<b>Input</b>			
Voltage	190~265VAC		
Frequency	47~63Hz		
Phase	3 Phase, 4Wire+Groud/Y Connect		
Max.Current	150A	250A	
Input Power Max	28.5kW	47.5kW	
Power Factor at 220VAC Input , Full Load	0.98 Min. Active PFC		
Efficiency	>88% Max @Full Load and Units=4kW Model		
<b>Output</b>			
Output Voltage	0~1200V		
Output Current	0~24A	0~40A	
Output Power	24kW Max	40kW Max	
Load Regulation	Voltage	360mV	400mV
	Current	144mA	0.4A
Line Regulation	Voltage	0.02%F.S.+30mV	
	Current	0.02%F.S.+15mA	
Voltage Setting	Range	0~1200V	
	Resolution	0.1V	
	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	0~24A	0~40A
	Resolution	0.1mA	
	Accuracy	0.1%+0.10%F.S	
Ripple	Voltage	450mVp-p/90mVrms	400mVp-p/75mVrms
	Current	100mA(Full Range)	120mA(Full Range)
		40mA(TYP Value)	20mA(TYP Value)
<b>Measurement</b>			
Voltage Setting	Range	0~1200V	0~1200V
	Resolution	0.1V	
	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	0~24A	0~40A
	Resolution	0.1mA	
	Accuracy	0.1%+0.10%F.S	
<b>Extra Function</b>			
Remote Sense	Range	5V(DC), Max. Total power less than rated power	
Comm. Responce.	50ms		
Graphic Display	VFD		
Operation Key Feature	Soft key, Numeric 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)		
<b>Remote Control Input/Output signal characteristics</b>			
Remote Input signal	Not Support		
Remote output signal	Not Support		
<b>Environmental</b>			
Operating Temperature	0°C~40°C		
Storage Temperature	-20°C~70°C		
Altitude	2000m		
Relative Humidity	10%-90%, non-condensing		
Temperature Coefficient	100ppm/°C at Voltage, 300ppm/°C at Current		
<b>Mechanical</b>			
Dimensions(W*H*D)	600.0*843.0*700.0 mm	600.0*1196.0*700.0 mm	
Package Dimensions(W*H*D)	720.0*1160.0*820.0 mm	720.0*1535.0*820.0 mm	
Unit Weight	100.0kg+15kg*6 (REF)	120.0kg+ 15kg*10 (REF)	
Shipping Weight	160.0kg+15kg*6 (REF)	200.0kg+15kg*10 (REF)	
<b>Regulatory Compliance</b>			
CE Mark	Installation Overvoltage 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.

All specifications are subject to change without notice.



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