

Efficiency, Stability, Reliable, Precision

SPST Series Linked 3-Phase AC Power Supply System

>>> Product specification sheet





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Selection List:

Model	Size	Voltage	Power	Output Model	Corresponding page
SPST300VAC1800W-2-9	9U	150V/300V	1800W	1-Phase/3-Phase	P01
SPST300VAC3000W-2-9	9U	150V/300V	3000W	1-Phase/3-Phase	P01
SPST300VAC4500W-2-9	9U	150V/300V	4500W	1-Phase/3-Phase	P01
SPST300VAC6000W-3-17	17U	150V/300V	6000W	1-Phase/3-Phase	P03
SPST300VAC9000W-4-17	17U	150V/300V	9000W	1-Phase/3-Phase	P03
SPST300VAC12000W-4-17	17U	150V/300V	12000W	1-Phase/3-Phase	P03
SPST300VAC15000W-4-17	17U	150V/300V	15000W	1-Phase/3-Phase	P03

^{*}This formula is the standard cabinet for SP-300 series 2U/3U/4U model. It is available to select cabinet with different specification according to exact situation. Detail please consults our area manager.

		SPST300VAC1800W-2-9	SPST300VAC3000W-2-9	SPST300VAC4500W-2-9			
			Input				
Voltage		90~265VAC	90~265VAC	100~265VAC			
Frequency		47~63Hz					
Phase		3 Phase, 4Wire+Groud/Y Connect					
Max.Current		30A	45A	57A			
Power Factor		≥ 0.96 Active PFC	≥ 0.98 Active PFC	≥ 0.98 Active PFC			
at 220VAC Input,Full Load		2 0.30 Active 110		2 0.30 Address to			
Efficiency		>81% (Peak)	>85.5% (Peak) >85% at 220VAC,50Hz	>87.5% (Peak) >87% at 220VAC,50Hz			
		>80% at 220VAC,50Hz input/220VAC,50Hz output,Full Load	input/220VAC,50Hz output,Full Load	input/220VAC,50Hz output, Full Load			
		3-Phase C	Output Mode(Per Phase)				
AC Power(Total)		1800VA	3000VA	4500VA			
AC Power(Per Ph	nase)	600VA	1000VA	1500VA			
Max.Current	0~150V(L)	5.6A	9.2A	13.8A			
(r.m.s)	0~300V(H)	2.8A	4.6A	6.9A			
Man Orman	0~150V(L)	32.4A	55.2A	82.8A			
Max.Current (Peak)	0~300V(H)	16.2A	27.6A	41.4A			
	0 0007(11)		hase Output Mode	71.70			
AC Power(Total)	1]	1620VA	2700VA	4050VA			
Max.Current	0~150V(L)	15.12A	24.84A	37.26A			
(r.m.s)	0~300V(H)	7.56A	12.42A	18.62A			
Max.Current	0~150V(L)	87.48A	149A	223.56A			
(Peak)	0~300V(H)	43.47A	74.52A	111.78A			
DC Power (Per Ph	nase)	1620W	2700W	4050W			
Max.Current		L 10.69A	L 17.55A	L 26.35A			
(Total)		H 5.1A	H 8.9A	H 13.18A			
Creat Footor(CF)							
Crest Factor(CF)		≤6					
		±0.2%F.S. (Resistive Load) at 15~100Hz	Z				
			z				
Load Regulation		±0.2%F.S. (Resistive Load) at 15~100Hz	z				
Load Regulation	Range	±0.2%F.S. (Resistive Load) at 15~100Hz ±0.5%F.S. (Resistive Load) at >100Hz	z				
Load Regulation	Range Resolution	±0.2%F.S. (Resistive Load) at 15~100Hz ±0.5%F.S. (Resistive Load) at >100Hz ±0.1V	z				
Load Regulation Line Regulation Voltage(AC)		±0.2%F.S. (Resistive Load) at 15~100Hz ±0.5%F.S. (Resistive Load) at >100Hz ± 0.1V 0~300VAC, 150V/300V/Auto Mode					
Load Regulation Line Regulation Voltage(AC)	Resolution	±0.2%F.S. (Resistive Load) at 15~100Hz ±0.5%F.S. (Resistive Load) at >100Hz ± 0.1V 0~300VAC, 150V/300V/Auto Mode 0.1V					
Load Regulation Line Regulation Voltage(AC) (L-N)	Resolution Accuracy	±0.2%F.S. (Resistive Load) at 15~100Hz ±0.5%F.S. (Resistive Load) at >100Hz ±0.1V 0~300VAC, 150V/300V/Auto Mode 0.1V 0.2% of setting +0.4%F.S at Voltage>3V					
Load Regulation Line Regulation Voltage(AC) (L-N) Phase Angle (Starting	Resolution Accuracy Range	±0.2%F.S. (Resistive Load) at 15~100Hz ±0.5%F.S. (Resistive Load) at >100Hz ±0.1V 0~300VAC, 150V/300V/Auto Mode 0.1V 0.2% of setting +0.4%F.S at Voltage>3V 0~359.9°					
Load Regulation Line Regulation Voltage(AC) (L-N) Phase Angle (Starting	Resolution Accuracy Range Resolution	±0.2%F.S. (Resistive Load) at 15~100Hz ±0.5%F.S. (Resistive Load) at >100Hz ±0.1V 0~300VAC, 150V/300V/Auto Mode 0.1V 0.2% of setting +0.4%F.S at Voltage>3V 0~359.9° 0.1°					
Load Regulation Line Regulation Voltage(AC) (L-N) Phase Angle (Starting	Resolution Accuracy Range Resolution Accuracy	±0.2%F.S. (Resistive Load) at 15~100Hz ±0.5%F.S. (Resistive Load) at >100Hz ±0.1V 0~300VAC, 150V/300V/Auto Mode 0.1V 0.2% of setting +0.4%F.S at Voltage>3V 0~359.9° 0.1° ± 1° @45~65Hz					
Load Regulation Line Regulation Voltage(AC) (L-N) Phase Angle (Starting	Resolution Accuracy Range Resolution Accuracy Range	±0.2%F.S. (Resistive Load) at 15~100Hz ±0.5%F.S. (Resistive Load) at >100Hz ±0.1V 0~300VAC, 150V/300V/Auto Mode 0.1V 0.2% of setting +0.4%F.S at Voltage>3V 0~359.9° 0.1° ±1° @45~65Hz 0~424VDC					
Load Regulation Line Regulation Voltage(AC) (L-N) Phase Angle (Starting /Ending)	Resolution Accuracy Range Resolution Accuracy Range Resolution	±0.2%F.S. (Resistive Load) at 15~100Hz ±0.5%F.S. (Resistive Load) at >100Hz ±0.1V 0~300VAC, 150V/300V/Auto Mode 0.1V 0.2% of setting +0.4%F.S at Voltage>3V 0~359.9° 0.1° ±1°@45~65Hz 0~424VDC 0.1V		1500W			
Load Regulation Line Regulation Voltage(AC) (L-N) Phase Angle (Starting /Ending)	Resolution Accuracy Range Resolution Accuracy Range Resolution Accuracy DC Power	±0.2%F.S. (Resistive Load) at 15~100Hz ±0.5%F.S. (Resistive Load) at >100Hz ± 0.1V 0~300VAC, 150V/300V/Auto Mode 0.1V 0.2% of setting +0.4%F.S at Voltage>3V 0~359.9° 0.1° ± 1° @45~65Hz 0~424VDC 0.1V 0.3% of setting +0.4%F.S at Voltage>3V		1500W L 9.76A			
Load Regulation Line Regulation Voltage(AC) (L-N) Phase Angle (Starting /Ending)	Resolution Accuracy Range Resolution Accuracy Range Resolution Accuracy DC Power Max.Current	±0.2%F.S. (Resistive Load) at 15~100Hz ±0.5%F.S. (Resistive Load) at >100Hz ±0.1V 0~300VAC, 150V/300V/Auto Mode 0.1V 0.2% of setting +0.4%F.S at Voltage>3V 0~359.9° 0.1° ±1° @45~65Hz 0~424VDC 0.1V 0.3% of setting +0.4%F.S at Voltage>3V 600W L 3.96A H 1.89A	1000W L 6.5A H 3.3A	L 9.76A H 4.88A			
Load Regulation Line Regulation Voltage(AC) (L-N) Phase Angle (Starting /Ending)	Resolution Accuracy Range Resolution Accuracy Range Resolution Accuracy DC Power Max.Current Ripple&Noise(Peak)	±0.2%F.S. (Resistive Load) at 15~100Hz ±0.5%F.S. (Resistive Load) at >100Hz ±0.1V 0~300VAC, 150V/300V/Auto Mode 0.1V 0.2% of setting +0.4%F.S at Voltage>3V 0~359.9° 0.1° ±1° @45~65Hz 0~424VDC 0.1V 0.3% of setting +0.4%F.S at Voltage>3V 600W L 3.96A H 1.89A L <700mVrms @Bandwidth 20Hz to 11	1000W L 6.5A H 3.3A MHz H <1100mVrms @Bandwi	L 9.76A H 4.88A			
Load Regulation Line Regulation Voltage(AC) (L-N) Phase Angle (Starting /Ending)	Resolution Accuracy Range Resolution Accuracy Range Resolution Accuracy DC Power Max.Current Ripple&Noise(Peak) Ripple&Noise(r.m.s)	±0.2%F.S. (Resistive Load) at 15~100Hz ±0.5%F.S. (Resistive Load) at >100Hz ±0.1V 0~300VAC, 150V/300V/Auto Mode 0.1V 0.2% of setting +0.4%F.S at Voltage>3V 0~359.9° 0.1° ±1° @45~65Hz 0~424VDC 0.1V 0.3% of setting +0.4%F.S at Voltage>3V 600W L 3.96A H 1.89A L <700mVrms @Bandwidth 20Hz to 11% <4000mVp-p @Bandwidth 20Hz to 11M-	1000W L 6.5A H 3.3A MHz H <1100mVrms @Bandwi	L 9.76A H 4.88A			
Load Regulation Line Regulation Voltage(AC) (L-N) Phase Angle (Starting /Ending) Voltage(DC)	Resolution Accuracy Range Resolution Accuracy Range Resolution Accuracy DC Power Max.Current Ripple&Noise(Peak) Ripple&Noise(r.m.s) Resolution	±0.2%F.S. (Resistive Load) at 15~100Hz ±0.5%F.S. (Resistive Load) at >100Hz ±0.1V 0~300VAC, 150V/300V/Auto Mode 0.1V 0.2% of setting +0.4%F.S at Voltage>3V 0~359.9° 0.1° ±1° @45~65Hz 0~424VDC 0.1V 0.3% of setting +0.4%F.S at Voltage>3V 600W L 3.96A H 1.89A L <700mVrms @Bandwidth 20Hz to 1MF 0.01A	1000W L 6.5A H 3.3A MHz H <1100mVrms @Bandwi	L 9.76A H 4.88A			
Load Regulation Line Regulation Voltage(AC) (L-N) Phase Angle (Starting /Ending) Voltage(DC)	Resolution Accuracy Range Resolution Accuracy Range Resolution Accuracy DC Power Max.Current Ripple&Noise(Peak) Ripple&Noise(r.m.s) Resolution Accuracy	±0.2%F.S. (Resistive Load) at 15~100Hz ±0.5%F.S. (Resistive Load) at >100Hz ±0.1V 0~300VAC, 150V/300V/Auto Mode 0.1V 0.2% of setting +0.4%F.S at Voltage>3V 0~359.9° 0.1° ±1° @45~65Hz 0~424VDC 0.1V 0.3% of setting +0.4%F.S at Voltage>3V 600W L 3.96A H 1.89A L <700mVrms @Bandwidth 20Hz to 1MF 0.01A 0.5% of setting +1.0%F.S.	1000W L 6.5A H 3.3A MHz H <1100mVrms @Bandwi	L 9.76A H 4.88A			
Load Regulation Line Regulation Voltage(AC) (L-N) Phase Angle (Starting /Ending) Voltage(DC)	Resolution Accuracy Range Resolution Accuracy Range Resolution Accuracy DC Power Max.Current Ripple&Noise(Peak) Ripple&Noise(r.m.s) Resolution Accuracy Response Time	±0.2%F.S. (Resistive Load) at 15~100Hz ±0.5%F.S. (Resistive Load) at >100Hz ±0.1V 0~300VAC, 150V/300V/Auto Mode 0.1V 0.2% of setting +0.4%F.S at Voltage>3V 0~359.9° 0.1° ±1° @45~65Hz 0~424VDC 0.1V 0.3% of setting +0.4%F.S at Voltage>3V 600W L 3.96A H 1.89A L <700mVrms @Bandwidth 20Hz to 1M-4000mVp-p @Bandwidth 20Hz to 1M-0.1A 0.5% of setting +1.0%F.S. <1400ms	1000W L 6.5A H 3.3A MHz H <1100mVrms @Bandwi	L 9.76A H 4.88A			
Load Regulation Line Regulation Voltage(AC) (L-N) Phase Angle (Starting /Ending) Voltage(DC) Current OC Fold Mode	Resolution Accuracy Range Resolution Accuracy Range Resolution Accuracy DC Power Max.Current Ripple&Noise(Peak) Ripple&Noise(r.m.s) Resolution Accuracy Response Time Range	±0.2%F.S. (Resistive Load) at 15~100Hz ±0.5%F.S. (Resistive Load) at >100Hz ±0.1V 0~300VAC, 150V/300V/Auto Mode 0.1V 0.2% of setting +0.4%F.S at Voltage>3V 0~359.9° 0.1° ±1° @45~65Hz 0~424VDC 0.1V 0.3% of setting +0.4%F.S at Voltage>3V 600W L 3.96A H 1.89A L <700mVrms @Bandwidth 20Hz to 1M-4000mVp-p @Bandwidth 20Hz to 1M-0.1A 0.5% of setting +1.0%F.S. <1400ms 15~1000Hz	1000W L 6.5A H 3.3A MHz H <1100mVrms @Bandwi	L 9.76A H 4.88A			
Load Regulation Line Regulation Voltage(AC) (L-N) Phase Angle (Starting /Ending) Voltage(DC) Current OC Fold Mode	Resolution Accuracy Range Resolution Accuracy Range Resolution Accuracy DC Power Max.Current Ripple&Noise(Peak) Ripple&Noise(r.m.s) Resolution Accuracy Response Time Range Resolution	±0.2%F.S. (Resistive Load) at 15~100Hz ±0.5%F.S. (Resistive Load) at >100Hz ±0.1V 0~300VAC, 150V/300V/Auto Mode 0.1V 0.2% of setting +0.4%F.S at Voltage>3V 0~359.9° 0.1° ±1° @45~65Hz 0~424VDC 0.1V 0.3% of setting +0.4%F.S at Voltage>3V 600W L 3.96A H 1.89A L <700mVrms @Bandwidth 20Hz to 1M-4000mVp-p @Bandwidth 20Hz to 1M-4000mVp-p @Bandwidth 20Hz to 1M-5% of setting +1.0%F.S. <1400ms 15~1000Hz 0.1Hz(15.0~99.9Hz),1Hz(100~1000Hz)	1000W L 6.5A H 3.3A MHz H <1100mVrms @Bandwi	L 9.76A H 4.88A			
Load Regulation Line Regulation Voltage(AC) (L-N) Phase Angle (Starting /Ending) Voltage(DC) Current OC Fold Mode	Resolution Accuracy Range Resolution Accuracy Range Resolution Accuracy DC Power Max.Current Ripple&Noise(Peak) Ripple&Noise(r.m.s) Resolution Accuracy Response Time Range Resolution Accuracy	±0.2%F.S. (Resistive Load) at 15~100Hz ±0.5%F.S. (Resistive Load) at >100Hz ± 0.1V 0~300VAC, 150V/300V/Auto Mode 0.1V 0.2% of setting +0.4%F.S at Voltage>3V 0~359.9° 0.1° ± 1° @45~65Hz 0~424VDC 0.1V 0.3% of setting +0.4%F.S at Voltage>3V 600W L 3.96A H 1.89A L <700mVrms @Bandwidth 20Hz to 1II <400mVp-p @Bandwidth 20Hz to 1MH 0.01A 0.5% of setting +1.0%F.S. <1400ms 15~1000Hz 0.1Hz(15.0~99.9Hz),1Hz(100~1000Hz) 0.03% of setting	1000W L 6.5A H 3.3A MHz H <1100mVrms @Bandwi	L 9.76A H 4.88A			
Load Regulation Line Regulation Voltage(AC) (L-N) Phase Angle (Starting /Ending) Voltage(DC) Current OC Fold Mode Frequency Programmable Oc	Resolution Accuracy Range Resolution Accuracy Range Resolution Accuracy DC Power Max.Current Ripple&Noise(Peak) Ripple&Noise(r.m.s) Resolution Accuracy Response Time Range Resolution Accuracy utput Impedance	±0.2%F.S. (Resistive Load) at 15~100Hz ±0.5%F.S. (Resistive Load) at >100Hz ±0.1V 0~300VAC, 150V/300V/Auto Mode 0.1V 0.2% of setting +0.4%F.S at Voltage>3V 0~359.9° 0.1° ±1° @45~65Hz 0~424VDC 0.1V 0.3% of setting +0.4%F.S at Voltage>3V 600W L 3.96A H 1.89A L <700mVrms @Bandwidth 20Hz to 1II <400mVp-p @Bandwidth 20Hz to 1IM-0.01A 0.5% of setting +1.0%F.S. <1400ms 15~1000Hz 0.1Hz(15.0~99.9Hz),1Hz(100~1000Hz) 0.03% of setting Not Support	1000W L 6.5A H 3.3A MHz H <1100mVrms @Bandwi	L 9.76A H 4.88A			
Load Regulation Line Regulation Voltage(AC) (L-N) Phase Angle (Starting /Ending) Voltage(DC) Current OC Fold Mode Frequency	Resolution Accuracy Range Resolution Accuracy Range Resolution Accuracy DC Power Max.Current Ripple&Noise(Peak) Ripple&Noise(r.m.s) Resolution Accuracy Response Time Range Resolution Accuracy	±0.2%F.S. (Resistive Load) at 15~100Hz ±0.5%F.S. (Resistive Load) at >100Hz ±0.1V 0~300VAC, 150V/300V/Auto Mode 0.1V 0.2% of setting +0.4%F.S at Voltage>3V 0~359.9° 0.1° ±1° @45~65Hz 0~424VDC 0.1V 0.3% of setting +0.4%F.S at Voltage>3V 600W L 3.96A H 1.89A L <700mVrms @Bandwidth 20Hz to 1II <4000mVp-p @Bandwidth 20Hz to 1IM 0.01A 0.5% of setting +1.0%F.S. <1400ms 15~1000Hz 0.1Hz(15.0~99.9Hz),1Hz(100~1000Hz) 0.03% of setting Not Support	1000W L 6.5A H 3.3A MHz H <1100mVrms @Bandwi	L 9.76A H 4.88A			
Load Regulation Line Regulation Voltage(AC) (L-N) Phase Angle (Starting /Ending) Voltage(DC) Current OC Fold Mode Frequency Programmable Oc	Resolution Accuracy Range Resolution Accuracy Range Resolution Accuracy DC Power Max.Current Ripple&Noise(Peak) Ripple&Noise(r.m.s) Resolution Accuracy Response Time Range Resolution Accuracy utput Impedance	±0.2%F.S. (Resistive Load) at 15~100Hz ±0.5%F.S. (Resistive Load) at >100Hz ±0.1V 0~300VAC, 150V/300V/Auto Mode 0.1V 0.2% of setting +0.4%F.S at Voltage>3V 0~359.9° 0.1° ±1° @45~65Hz 0~424VDC 0.1V 0.3% of setting +0.4%F.S at Voltage>3V 600W L 3.96A H 1.89A L <700mVrms @Bandwidth 20Hz to 11 <4000mVp-p @Bandwidth 20Hz to 11H 0.01A 0.5% of setting +1.0%F.S. <1400ms 15~1000Hz 0.1Hz(15.0~99.9Hz),1Hz(100~1000Hz) 0.03% of setting Not Support Not Support	1000W L 6.5A H 3.3A MHz H <1100mVrms @Bandwi	L 9.76A H 4.88A			
Load Regulation Line Regulation Voltage(AC) (L-N) Phase Angle (Starting /Ending) Voltage(DC) Current OC Fold Mode Frequency Programmable Oc	Resolution Accuracy Range Resolution Accuracy Range Resolution Accuracy DC Power Max.Current Ripple&Noise(Peak) Ripple&Noise(r.m.s) Resolution Accuracy Response Time Range Resolution Accuracy	±0.2%F.S. (Resistive Load) at 15~100Hz ±0.5%F.S. (Resistive Load) at >100Hz ±0.1V 0~300VAC, 150V/300V/Auto Mode 0.1V 0.2% of setting +0.4%F.S at Voltage>3V 0~359.9° 0.1° ±1° @45~65Hz 0~424VDC 0.1V 0.3% of setting +0.4%F.S at Voltage>3V 600W L 3.96A H 1.89A L <700mVrms @Bandwidth 20Hz to 11 <4000mVp-p @Bandwidth 20Hz to 11H 0.01A 0.5% of setting +1.0%F.S. <1400ms 15~1000Hz 0.1Hz(15.0~99.9Hz),1Hz(100~1000Hz) 0.03% of setting Not Support Not Support Power Me AC 0~300VAC	1000W L 6.5A H 3.3A MHz H <1100mVrms @Bandwi	L 9.76A H 4.88A			
Load Regulation Line Regulation Voltage(AC) (L-N) Phase Angle (Starting) /Ending) Voltage(DC) Current OC Fold Mode Frequency Programmable Ot Harmonic & Interl	Resolution Accuracy Range Resolution Accuracy Range Resolution Accuracy DC Power Max.Current Ripple&Noise(Peak) Ripple&Noise(r.m.s) Resolution Accuracy Response Time Range Resolution Accuracy stput Impedance narmonics Simulation	±0.2%F.S. (Resistive Load) at 15~100Hz ±0.5%F.S. (Resistive Load) at >100Hz ±0.1V 0~300VAC, 150V/300V/Auto Mode 0.1V 0.2% of setting +0.4%F.S at Voltage>3V 0~359.9° 0.1° ±1° @45~65Hz 0~424VDC 0.1V 0.3% of setting +0.4%F.S at Voltage>3V 600W L 3.96A H 1.89A L <700mVrms @Bandwidth 20Hz to 11 <4000mVp-p @Bandwidth 20Hz to 11H 0.01A 0.5% of setting +1.0%F.S. <1400ms 15~1000Hz 0.1Hz(15.0~99.9Hz),1Hz(100~1000Hz) 0.03% of setting Not Support Not Support Power Me AC 0~300VAC DC 0~424VDC	1000W L 6.5A H 3.3A MHz H <1100mVrms @Bandwi	L 9.76A H 4.88A			
Load Regulation Line Regulation Voltage(AC) (L-N) Phase Angle (Starting /Ending) Voltage(DC) Current OC Fold Mode Frequency	Resolution Accuracy Range Resolution Accuracy Range Resolution Accuracy DC Power Max.Current Ripple&Noise(Peak) Ripple&Noise(r.m.s) Resolution Accuracy Response Time Range Resolution Accuracy	±0.2%F.S. (Resistive Load) at 15~100Hz ±0.5%F.S. (Resistive Load) at >100Hz ±0.1V 0~300VAC, 150V/300V/Auto Mode 0.1V 0.2% of setting +0.4%F.S at Voltage>3V 0~359.9° 0.1° ±1° @45~65Hz 0~424VDC 0.1V 0.3% of setting +0.4%F.S at Voltage>3V 600W L 3.96A H 1.89A L <700mVrms @Bandwidth 20Hz to 11 <4000mVp-p @Bandwidth 20Hz to 11H 0.01A 0.5% of setting +1.0%F.S. <1400ms 15~1000Hz 0.1Hz(15.0~99.9Hz),1Hz(100~1000Hz) 0.03% of setting Not Support Not Support Power Me AC 0~300VAC	1000W L 6.5A H 3.3A MHz H <1100mVrms @Bandwi	L 9.76A H 4.88A			

Frequency	Range							
Frequency		15~1000Hz		<u>'</u>				
	Resolution	0.1Hz(15.0~99.9Hz),1Hz(100~1000Hz)						
	Accuracy	0.1% of setting						
Current ^[2] (r.m.s)	_	H 0.15A~5.6A	H 0.3A~9.2A	H 0.3A~13.8A				
	Range	L 0.1A~3A	L 0.1A~3A	L 0.1A~3A				
	Resolution	0.01A	0.01A					
	Accuracy	0.4%+1.0%F.S.						
	Range	0A~32.4A						
Current ^[2] (Peak)	Resolution	0.01A						
(i cany	Accuracy	0.4%+1.5%F.S.						
	Range	0~612W 0~1020W 0~1530W						
Power	Resolution	0.1W						
	Accuracy	0.4% of setting +0.3%F.S. at PF>0.2, \	/oltage >5V					
	Range	0~612VA	0~1020VA	0~1530VA				
Power Apparent(VA)	Resolution	0.1VA						
	Accuracy	Voltage*Irms, Calculated value						
Power	Range	0~612VAR	0~1020VAR	0~1530VAR				
Resistive (VAR)	Resolution	0.1VAR	·					
(VAIV)	Accuracy	$\sqrt{(VA)^2-(W)^2}$, Calculated value						
Power	Range	0.00~1.00						
Factor (PF)	Resolution	0.01						
Hama ania	Accuracy	W/VA, Calculated value						
Harmonic	Range	Not Support	Putus Proposition					
		AC Veltage 0.001 1200 000V/me e	Extra Function					
Slew Rate	Range		AC Voltage 0.001~1200.000V/ms and Disable					
Siew itale	Range	DC Voltage 0.001~1000.000V/ms and Disable Frequency 0.001~1600.000Hz/ms and Disable						
Remote Sense	Range							
Calibration	Range	5V(rms), Max. Total power less than rated power						
Test Function		Firmware-based calibration through the digital interface or front panel display Not Support						
Graphic Display		Not support 4.3" Color touch LCD						
Operation Key Fe	ature	Soft key, Numberic key, Rotary Knob, USB port for transfer and upgrading firmware						
Rack mount Handles		Yes						
FAN		Temperature Control						
Protection Circuits		OCP, OVP, OPP, OTP, RCP, PRI_UVP, PRI_OVP, PRI_OTP, PRI_OCP, USB_OCP						
Interface	15	USB, RS485, RS232, LAN(Option); GPIB(Option)						
		555, No. 155, No. 252, 21 an (option), 5.	Environmental					
Operating Tempe	rature	0°C~40°C						
Storage Temperature		-40°C~85°C						
Altitude		2000m						
Relative Humidity		5%~95%, non-condensing						
Temperature Coefficient		100ppm/°C at Voltage, 300ppm/°C at Current,100ppm/°C at Frequency						
			Mechanical					
Dimensions(WxH	lxD)	540.0x400.0x640.0 mm						
Package Dimensi		660.0x710.0x760.0 mm						
Unit Weight		88.7kg						
Shipping Weight		108.7kg						
Regulatory Compliance								
			lass II equipment;indoor use only.					

^[1] In single phase mode, the current shall be reduced to 90% for the consideration of current sharing.

^[2] The tolerance will change slightly in high frequency condition;

All specifications are subject to change without notice.

MODEL		SPST300VAC6000W-3-17	SPST300VAC9000W-4-17	SPST300VAC12000W-4-17	SPST300VAC15000W-4-17		
			Input				
Voltage		190~265VAC					
Frequency		47~63Hz					
Phase		3 Phase, 4Wire+Groud/Y Connec	rt				
Max.Current		42A	60A	75A	90A		
Power Factor							
at 220VAC Inpu	ut,Full Load	≥ 0.99 Active PFC	≥ 0.98 Active PFC	≥ 0.99 Active PFC	≥ 0.99 Active PFC		
Efficiency		>87% (Peak) >86% at 220VAC,50Hz input/230VAC,50Hz output, Full Load	>86% (Peak) >85% at 220VAC,50Hz input/230VAC,50Hz output, Full Load	>87% (Peak) >86% at 220VAC,50Hz input/230VAC,50Hz output, Full Load	>87% (Peak) >86% at 220VAC,50Hz input/230VAC,50Hz output, Full Load		
			3-Phase Output Mode(Per Phase)				
AC Power(Tota	ıl)	6000VA	9000VA	12000VA	15000VA		
AC Power(Per	Phase)	2000VA	3000VA	4000VA	5000VA		
Max.Current	0~150V(L)	16A	27.6A	32A	46A		
(r.m.s)	0~300V(H)	8A	13.8A	16A	23A		
	0~150V(L)	80A	165.6A	160A	184A		
Max.Current (Peak)	0~300V(H)	40A	82.8A	80A	92A		
()	0300 V(11)	407		50A	92A		
C Dower/Tota	N[1]	5400VA	1-Phase Output Mode 8100VA	10800VA	13500VA		
AC Power(Tota	0~150V(L)	43.2A	74.52A	86.4A	124.2A		
Max.Current r.m.s)	0~130V(L)	21.6A	37.26A	43.2A	62.1A		
Max.Current	0~150V(L)	216A	447.12A	432A	496.8A		
(Peak)	0~300V(H)	108A	223.56A	216A	248.4A		
DC Power (Per		5400W	8100W	10800W	13500W		
Max.Current		L 30.51A	L 52.92A	L 61A	L 88A		
(Total)		H 15.26A	H 26.46A	H 30.51A	H 44A		
, ,		H 13.20A	3-Phase Output Mode(Per Phase)	H 30.31A	H 44A		
Total Harmoni (THD)	c Distortion	<1% (Resistive Load) at 70.1~500	0.0Hz and output voltage within the 80 OHz and output voltage within the 80~1 OHz and output voltage within the 100-	40VAC at Low Range or the 160~28	OVAC at High Range;		
Crest Factor(C	F)	≤5	≤6	≤5	≤4		
Siest Factor(C	F)			70	<u> </u>		
Load Regulatio	n	±0.2%F.S. (Resistive Load) at 15~					
. 5 12		±0.5%F.S. (Resistive Load) at >10	IUHZ				
ine Regulation		± 0.1V					
Voltage(AC)	Range	0~300VAC, 150V/300V/Auto Mode					
(L-N)	Resolution	0.1V					
	Accuracy	0.2% of setting +0.4%F.S at Voltage>3V					
	Range	0~359.9°					
Phase Angle	Resolution	0.1°					
Starting Ending)	Accuracy	± 1° @45~65Hz					
	Range	0~424VDC					
	Resolution	0.1V					
	Accuracy	0.3% of setting +0.4%F.S at Volta	ige>3V				
	DC Power	2000W	3000W	4000W	5000W		
		L 11.3A	L 19.6A	L 22.6A	L 32.6A		
/oltage(DC)	Max.Current	H 5.65A	H 9.8A	H 11.3A	H 16.3A		
	Ripple&Noise (Peak)	L <700mVrms @Bandwidth 20Hz to 1MHz H <1100mVrms @Bandwidth 20Hz to 1MHz					
	Ripple&Noise (r.m.s)	<4000mVp-p @Bandwidth 20Hz to 1MHz					
	Resolution	0.01A					
Current CC	Accuracy	2.0% of setting +1.0%F.S.					
Fold Mode	Response Time	<1400ms					
	Range	15~1000Hz					
	Resolution	0.1Hz(15.0~99.9Hz),1Hz(100~1000Hz)					
requency		0.03% of setting					
requency		-					
	Accuracy Output Impedance	Not Support					
Programmable	Output Impedance	Not Support					
Programmable Harmonic & Int	Output Impedance	Not Support Not Support					
Programmable Harmonic & Int	Output Impedance	Not Support	Power Meter Function(Per Phase)				
Programmable Harmonic & Int	Output Impedance	Not Support AC 0~300VAC	Power Meter Function(Per Phase)				
Frequency Programmable Harmonic & Int Simulation	Output Impedance erharmonics	Not Support	Power Meter Function (Per Phase)				

MODEL		SPST300VAC6000W-3-17	SPST300VAC9000W-4-17	SPST300VAC12000W-4-17	SPST300VAC15000W-4-17			
	Range	15~1000Hz						
Frequency	Resolution	0.1Hz(15.0~99.9Hz),1Hz(100~100	00Hz)					
	Accuracy	0.1% of setting						
		H 0.15A~20A	H 0.3A~27.6A	H 0.3A~32A	H 0.3A~46A			
Current ^[2] (r.m.s)		M -	M 0.2A~20A	M 0.2A~20A	M 0.2A~20A			
	Range	L 0.1A~5A	L 0.1A~5A	L 0.1A~5A	L 0.1A~5A			
		mA 0.02A~1.5A	mA 0.02A~1.5A	mA 0.02A~1.5A	mA 0.02A~1.5A			
	Resolution	0.01A						
	Accuracy	0.4%+1.0%F.S.						
	Range	0A~81.5A	0A~168.6A	0A~163A	0A~188A			
Current ^[2] (Peak)	Resolution	0.01A						
(i eak)	Accuracy	0.4%+1.5%F.S.						
	Range	0~2040W	0~3060W	0~4080W	0~5100W			
Power	Resolution	0.1W						
	Accuracy	0.4% of setting +0.3%F.S. at PF>0.	2, Voltage >5V					
	Range	0~2040VA	0~3060VA	0~4080VA	0~5100VA			
Power Apparent(VA)	Resolution	0.1VA						
Apparent(VA)	Accuracy	Voltage*Irms, Calculated value						
D	Range	0~2040VAR	0~3060VAR	0~4080VAR	0~5100VAR			
Power Resistive	Resolution	0.1VAR						
(VAR)	Accuracy	$\sqrt{(VA)^2-(W)^2}$, Calculated value						
Power	Range	0.00~1.00						
Factor (PF)	Resolution	0.01						
(11)	Accuracy	W/VA, Calculated value						
Harmonic	Range	Not Support						
			Extra Function					
		AC Voltage 0.001~1200.000V/ms and Disable						
Slew Rate	Range	DC Voltage 0.001~1000.000V/ms and Disable						
	_	Frequency 0.001~1600.000Hz/n						
Remote Sense	Range	5V(rms), Max. Total power less tha						
Calibration			h the digital interface or front panel	display				
Test Function		Not Support						
Graphic Display		5.6" Color touch LCD		_				
Operation Key F			bb, USB port for transfer and upgradii	ng firmware				
Rack mount Handles		Yes						
FAN		Temperature Control						
Protection Circu	iits	OCP, OVP, OPP, OTP, RCP, PRI_UVP, PRI_OVP, PRI_OCP, USB_OCP						
Interface USB, RS485, RS232, LAN(Standard); GPIB(Option)								
Operating Tar-	oratura	0.0 40.0	Environmental					
Operating Temp		0°C~40°C						
Storage Temperature		-40°C~85°C						
Altitude		2000m						
Relative Humidi	-		%~95%, non-condensing 00ppm/°C at Voltage, 300ppm/°C at Current,100ppm/°C at Frequency					
Temperature Co	efficient	10Uppm/°C at Voltage, 300ppm/°C						
Mechanical State of the Control of t								
Dimensions(Wx		560.0x754.0x700.0 mm						
Package Dimen	sions (WxHxD)	680.0x1146.0x820.0 mm						
Unit Weight		134.0kg	157.0kg	157.0kg	157.0kg			
Shipping Weight	t	173.0kg	195.0kg	195.0kg	195.0kg			
			Regulatory Compliance					
CE Mark		Installation Overvoltage Category	II;Class II equipment;indoor use only.					

^[1] In single phase mode, the current shall be reduced to 90% for the consideration of current sharing.

^[2] The tolerance will change slightly in high frequency condition;

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