

TheUltimate Choice For Power Protection

Model Name	SPS 20/SPS 30 HF Series	SPS 50/SPS 75 TX Series	SPS 100/SPS 150 SPS 200/SPS 250 TX Series
INPUT			
Voltage	230 VAC (± 20%) Single Phase	230 VAC (± 20%) Single Phase	415 VAC (± 15%) Three Phase
Frequency	50HZ	50HZ (± 6%)	50HZ (± 6%)
OUTPUT			
Power Capacity	2KVA (1.4KW) 3KVA (2.1KW)	5KVA (4.0KW) 7.5KVA (6.0KW)	10.0KVA (8.0KW) 15.0KVA (12.0KW) 20.0KVA (16.0KW) 25.0KVA (20.0KW)
Nominal Voltage	200-240 VAC Single Phase (Stepless Adjustable)	200-240 VAC Single Phase (Stepless Adjustable)	200-240 VAC Single Phase (Stepless Adjustable)
Resolution	±1.5%	±1.5%	±1.5%
Frequency	50/60HZ(±0.25HZ) in free running mode	50/60HZ(±0.25HZ) in free running mode	50/60HZ(±0.25HZ) in free running mode
Wave Form	True sine wave	True sine wave	True sine wave
Total Harmonic			
Distortion	<3%	<3%	<3%
Over load Capacity	105% Continuous	105% Continuous	105% Continuous
Invertor	IGBT based PWM with instantaneous sine wave control	IGBT based PWM with instantaneous sine wave control	IGBT based PWM with instantaneous sine wave control
Dynamic Response	for 0 to 100% step load change the output shall remain within 5% and recover to nominal within 20 milli seconds	-DO-	-DO-
DC to AC Efficiency	>90%	>90%	>90%
Crest Factor	1:4	1:3	1:2.5
Duty Cycle	Continuous	Continuous	Continuous
Battery Voltage	72/196V	120/180V	240/360V

Battery Type	Sealed Maintenance Free Lead Acid Less Maintenance	-DO-	-DO-
Environmental			
Acoustic noise level	>50db @ 1.5 mtr.	>60db @ 1.5 mtr.	>60db @ 1.5 mtr.
Ambient temperature	0 to 45°C	0 to 45°C	0 to 45°C
Humidity	upto 95% RH Non condensing	upto 95% RH Non condensing	upto 95% RH Non condensing
Altitude	<3000m above sea level	<3000m above sea level	<3000m above sea level
Physical cooling	Forced Air	Forced Air	Forced Air
Colour	Black	Broken White & Sky blue	Broken White & Sky blue
Cable Entry	Bottom	Bottom	Bottom
Physical Dimension	455 x 192 x 330	680 x 360 x 630	800 x 400 x 700
Weight	45kgs.	90kgs.	850 x 500 x 900