

MODEL	SS 210	SS 220	SS 230
INPUT			
Power (kVA)	1	2	3
Voltage	160 - 280 VAC		
Frequency	50 / 60 Hz. \pm 5 %		
Power Factor	>0.98		
OUTPUT			
Output Power Factor	0.7		
Voltage	220VAC / 230VAC		
Voltage Regulation	\pm 2		
Frequency	50 / 60 Hz (Auto Detection)		
Frequency Regulation	\pm 0,5%		
Harmonic Distortion	< 3 % (For Linaer Loads)		
Crest Factor	03:01		
Overload Capacity	100% - 120% for 60 seconds, 120% - 150% for 10 seconds		
Whole efficiency	>85%		
Inverter efficiency	>90%		
Transfer Time	0ms		
Outlets	3pcs IEC & 1pc Schuko Outlets	3pcs IEC & 2pcs Schuko Outlets	6pcs IEC & 2pcs Schuko Outlets
BATTERY			
Type	Maintenance-free lead acid batteries		
Recharge Time	8 hours (to 90% of full capacity)		
Voltage	36VDC	72VDC	96VDC
Quantity	3 pcs 12V 7ah	6 pcs 12V 7ah	8 pcs 12V 7ah
Back Up Time Full Load	8 min		7 min
Half Load	20 min		15 min
DISPLAY			
LED Display	line input, inverter, bypass, fault, overload, battery low, self-test, Load/Battery Level		
ALARMS			
	Line Failure, Battery Low, Transfer To Bypass, Failure Events		
PROTECTION			
	short circuit, over temperature, overload, high voltage, battery low		
COMMUNICATION			
Interface	RS-232		
(Communication Port)			
Monitoring and Management Software	standard		
ENVIRONMENT			
Temparature	0°C - 40°C		
Humidity	0% -95%		
Noise Level (1m Distance)	<45dBA		

Protection Class	IP20		
PHYSICAL SPECIFICATIONS			
Tower Type			
Net Weight(kg)	15	29	35
Dimensions (mm) WxHxD	147x401x223	130x475x360	190x450x360
19" Rack Mount Type			
Net Weight(kg)	16	28	37
Dimensions (mm) WxHxD	483x390x88	483x485x130	483x460x192
STANDARDS			
Standards	EN 62040-1-1 (safety), EN 62040-2 (EMC)		