

Three Phase SVR - Technical Specifications

Model	Power Rating		10KVA	15KVA	20KVA	25KVA	30KVA	40KVA	45KVA
	(3Phase 100% Unbalance)								
Input Voltage	Nominal voltage Rating	V	230V/400 3 Phase, 4 wire + Earth, 100% Unbalance						
	Voltage Range	V	190 - 270 Ph-N, 340 - 480 Line to Line, For other						
			Other range available on request						
	Relaxed voltage Input range*		170 -290Ph-N (Optional)						
	Frequency	Hz	Nominal -50Hz, Range 45- 65Hz						
	Input MCB/MCCB	A	~20	~25	~40A	~50A	~63A	~70A	~80A
Terminal block		Yes							
Output voltage	Voltage	V	230V +/-1%						
	Correction time		1-1.5 Cycle						
	Voltage Regulation	%	+/- 1						
	Dynamic Regulation	%	+/- 5						
	Output voltage Regulation in Relaxed		210 - 250V +/-1% (Optional)						
	input voltage range*								
	Output Wave form distortion		Nil						
	Effect of Power factor		Nil						
	Output Overload	%	100/ Continuous						
		%	100> & <110 / 60Min						
		%	>110 & 125 /10 Min						
	%	>125 & 150 / 1Min							
	%	>150&<300/ 250ms							
	%	>300 Immediate trip							
Terminal block		Yes							
Protection	Output Contactor	A	~18A	~22A	~32A	~38A	~50A	~65A	~80A
	Automatic bypass		Yes						
	Manual bypass*		Optional						
	Input Under voltage	V	185 +/-1%						
	Input Over voltage	V	280 +/-1%						
	Output Under Voltage	V	230 + 5%						
	Output Over Voltage	V	230 - 5%						
Frequency Out of Range	Hz	< 45 or > 65							
Display / Indication	LED / LCD*		LCD (Optional)						
	Output Healthy	LED	Green LED						
	Input and Output Under voltage /	LED	Green LED - Blink						
	Input Over voltage								
	Overload / Short circuit	LED	Red LED - Blink						
	Trip Indication		Red LED						
	I/O port *		2 Output One input IO (Optional)						
	Communication		RS232/485 Optional						
IT/UIT*		Optional							
Overall	Efficiency	%	Better Than 96 %						
	Cooling method		Forced cooling						
	Ingress Protection		IP20 (Other available on request)						
	Temperature	%	0 - 40 Deg C, for other contact to sales						
	Humidity	%	0 - 95 (RH - Non Condensing)						
	Noise	dB	<60						
	Caster wheel*		Optional						
	Dimension	mm (HxWxD)	585 x 385 x 775						
	Weight	Kg	85	95	100	120	130	160	175