

MODEL	SINGLE PHASE										THREE PHASE							
Output Power (kVA)	3	5	7,5	10	12	15	20	25	30	10,5	15	22,5	30	45	60	75	90	
INPUT																		
Voltage	220 Vac 1 ph										380 Vac 3 ph							
Voltage Range (Normal range)*	150-265 Vac										260-460 Vac							
Voltage Range(Wide range)*	110-270 Vac										190-467 Vac							
Voltage Range(Special range)*	90-285 Vac										155-490 Vac							
Frequency	50/60 Hz										50/60 Hz							
Frequency Tolerance	±% 5										±% 5							
Current (max) normal range*	20	32	47	66	80	94	125	167	188	23	32	47	66	94	125	167	188	
Current (max)wide range*	27	46	68	91	109	136	182	227	273	32	46	68	91	136	182	227	273	
Current (max) Special range*	33	56	83	111	133	167	222	277	333	39	56	83	111	167	222	277	333	
OUTPUT																		
Voltage	220V AC 1 ph										380V AC 3 ph							
Voltage Tolerance	±%3 (±%2 and ±%5 optional)										±%3 (±%2 and ±%5 optional)							
Response Time	320V/sec (@ ±%3 voltage accuracy)										320V/sec (@ ±%3 voltage accuracy)							
Frequency	50 Hz										50 Hz							
Power Factor	1										1							
Crest Factor	3										3							
Current (max per phase)	14	23	34	46	55	68	91	114	136	16	23	34	46	68	91	114	136	
Overload																		
% 100 / % 125	10min																	
% 125 / % 150	1min%																	
>% 150	shut down																	
EFFICIENCY																		
	>95%																	
DISPLAY/ALARMS																		
7segment Display	Input Voltage,Output Voltage, Output Current, Frequency,Fault Codes,																	
LED Display	Input Out Of Range, Regulator Operation, Bypass Operation regulator on, regulator off																	
Alarms	ER1 : INPUT VOLTAGE LOW																	
	ER2 : INPUT VOLTAGEHIGH																	
	ER3 :OUTPUT VOLTAGE LOW																	
	ER4 : OUTPUT VOLTAGE HIGH																	
	ER5 : OUTPUT CURRENT HIGH																	
	ER6 : BYPASS OVER CURRENT																	
	ER7 : FREQUENCY OUT OF RANGE																	
COMMUNICATION																		
RS 232	Serial Port																	
Dry Contacts	Regulator Operation and Mains present Indications																	
AUDIBLE NOISE																		
From 1m	<50 dB (A)																	
ENVIRONMENTAL CONDITIONS																		
Protection	IP20																	
Temperature																		
Operating	-10°C.....+40°C																	
Storage	-30°C.....+75°C																	

Relative Humidity																	
Operating	% 20.....% 90																
Storage	% 20.....% 95																
PHYSICAL SPECIFICATIONS																	
Dimensions(mm) WxDxH	500x4			505x482,5x312							500x42		505x482,5x936				
* the values are indicated as per 220VAC Output voltage value, these values change for 230V or 240V output voltage																	