



FEATURES

1. Set output voltage sensitivity.
2. Accuracy $\pm 1\%$ from no load to full load.
3. Auto/Manual operation facility. (Optional)
4. All parameters can be modified using keypad in the front panel.
5. Fast correction speeds up to 75V/Sec. variable speed servo motor and proportional control circuit provide a response time of 10msec to correct voltage fluctuations without noise or oscillations in output.
6. Input & Output Over and under voltage cut-off.
7. Overload Cut-off.
8. Manual and auto start facility.
9. High efficiency $>98\%$



A&U Accurate Power Solutions Pvt. Ltd.

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Specifications

Capacity	1 KVA To 20 KVA (Single phase)					
	6 KVA To 2000 KVA (Three phase)					
Input voltage range	200 V— 480 V, 300 V - 480 V, 340-480 VAC 3 Ph 50Hz Phase to Phase — THREE PHASE.					
	110 V- 270 V, 140 V- 270 V, 170 V- 270 VAC 1 Ph 50 Hz — SINGLE PHASE					
System	4 wires in three phase (3 Phase +NE)					
	3 wires in single phase (L+N+E)					
Input frequency	47 to 53 Hz					
Output voltage adjustable	380/400/415 VAC in 3 Phase and 220/230/240 VAC in 1 Phase					
Ambient temperature	0 to 55° C					
Output voltage regulation	±1%					
Overload capacity	110% of full rated load current with time delay					
Correction rate	75V / Sec					
Waveform distortion	No Waveform distortion					
Servo motor drive	AC Synchronous motor					
Insulation	Class F					
Short circuit period & percentage	300% for 250 Milli Sec. normal					
Climate conditions	90% Rh Max. Non condensing at 50° C					
Type of cooling	Natural air cooled up to 100 KVA and Oil cooled up to 2000 KVA					
Mode of system	Fully automatic / manual as per IS: 9815 -1994					
System construction	As per IS: 9815					
Protection	<ul style="list-style-type: none"> ° Low voltage, high voltage, Single phasing prevention through contactor at O/p. ° Over load, short circuit. ° Surge arrester or RF suppressor (optional) ° Neutral failure protection (optional) ° Earth neutral voltage cut off protection (optional) 					
Display parameter	<ul style="list-style-type: none"> ° Input voltage (Line to neutral and line to line) ° Output voltage (Line to neutral and line to line) ° Load current in all phases ° LED indication for power on and trip bypass 					
Dimensions (W x D x H)	Air Cooled Single Phase			Air Cooled Three Phase		
	1KVA to 5KVA	7.5KVA to 10KVA	6KVA to 25KVA	30KVA to 45KVA	50KVA to 60KVA	75KVA to 100KVA
	370 x 410 x 390	445 x 445 x 445	390 x 590 x 970	390 x 640 x 1100	490 x 690 x 1300	490 x 770 x 1250
Dimensions (W x D x H)	Oil Cooled Three Phase					
	60KVA to 75KVA	100KVA to 150KVA	200KVA to 250KVA	300KVA	400KVA	500KVA
	1170 x 845 x 540	1150 x 1350 x 1050	1250 x 2100 x 1200	2110 x 1260 x 1100	2160 x 1355 x 1400	2260 x 1355 x 1600

Above Parameters / Specifications / Dimensions may change without any prior notice.