

Technical Specifications

Input Voltage Range	: 170-270V AC, 50Hz
Output Voltage	: 230V AC 50 Hz 1 Phase
Operating Frequency	: 47 to 53 Hz
Output regulation	: $\pm 1\%$
Correction Speed	: 35V/sec
Line regulation	: $\pm 1\%$
Load Regulation	: $\pm 1\%$
Wave-form distortion	: Nil
Power factor effect	: Nil
Output wave-form	: True reproduction of input
Type of cooling	: Natural Air-cooled
System Construction	: As per IS:9815
Efficiency	: 98.5%
Response Time	: 10 milli sec.
Servo Motor Drive motor	: rugged ac step synchronous motor
Enclosure	: IP32



Indication on Front Panel

- Input ON
- Output ON
- Output CUT-OFF
- Input LOW
- Input HIGH
- 0-300 V 72 Sq. mm analog meter to read output voltage

Output Connection

- 1 & 2 KVA - Sockets
- 3 KVA to 10 KVA with Connectors
- Above 10 KVA nut & bolt termination

Protections

- High Voltage protection } with Relay / Contactor
- Low Voltage Protection }
- Overload Protection } with MCB
- Short circuit Protection }

1 PH SCVS Dimensions (mm)

Capacity	Width	Depth	Height	Weight/Kgs
1 KVA	280	310	300	16
2 KVA	280	310	300	18
3 KVA	300	430	300	28
5 KVA	300	430	300	33
7.5 KVA	360	470	310	55
10 KVA	360	470	310	60
15 KVA	440	470	800	100

Input Connection

- 1 & 2 Kva - Power Card with Plug Top
- 3 KVA to 10 KVA with Connectors
- Above 10 KVA nut & bolt termination