

by micro switches which cut off the input source at extreme conditions. Self recovery is available in some models, where in some models, the rotor arm has to be adjusted manually out of the stocked end on switches.

Some Prostar stabilizers are equipped with either analogue or digital functional display meter for proper monitoring of input and output voltage, power draw in Amps or in watts for some models. Buzzer alarms are also provided to alert for some extreme conditions such as over temperature, over voltage, overload, under voltage and short circuiting .

All Prostar stabilizers are equipped with bypass switch for convenience. Dual output voltage is also possible for 110 and 220 VAC. Some models also designed for single phase operation where others are on 3-phase.

Prostar stabilizer models include but not limited to SL models, Tsd models, HSD models, SVC models and PRC - SBW(indoor and Outdoor). The capacity range from 300VA to 1000KVA. Telecommunication grades are equipped with input - output filters and on demand they can be fixed with isolation transformers.

General Technical Specifications					
	SL Models	HSD Models	TSD Models	SVC Models	PRC SBW Models
Frequency	Synchronize with supply frequency 50/60Hz(Same as input)				
Wave Form	True Sine Wave / No distortion(As input)				
Efficiency	95%				
Display	LCD	LED	LED	Analogue meter	Analogue meter
Response Time	< 25ms/V			<20ms/V	
Delay System	5s - 180s				
Input/Output Filter	No			On demand	Yes
Isolation Transformer	No			On demand	Yes
Buck Booster	No				Yes
Protection	Short circuit, Surge, Over Load, Under Voltage and Over Voltage.				
Design Package	Desktop/ Tower Case	Wall Mount (horizontal)	Wall Mount (vertical)	Tower case(Outdoor wather proof available ondemand)	Tower case(Outdoor wather proof)
Temperature	0°C – 45°C				
Humidity	95%max Non Condensing				
Audible Noise	45dB - 55dB at 1meter				
IP Rating	IP11			IP21	IP55
Application	Office/Domestic				Industrial/Telecom
Insulation Resistance	>1M?				
Overload Capacity	120% for 30s, 150% - 5s				