

TECHNICAL SPECIFICATION & FEATURE: SES-100S4

INPUT POWER	VOLTAGE	240AC rms \pm 10%
	FREQUENCY	50/60 Hz
OUTPUT POWER	VOLTAGE	95V DC
	CURRENT	6 Amps continuous 8Amps for 10sec
SENSING	VOLTAGE	415V AC 2line sensing, AVR senses true average of the line to line waveform.
BUILD-UP VOLTAGE	VOLTAGE	Min 2.5V AC at V & N terminals of the AVR.
VOLTAGE REGULATION	% REGULATION	$\leq \pm 1\%$ at AVR sensing terminals
STABILITY ADJUSTMENT	STABILITY	Adjustment through potentiometer to get steady state stability and good transient response.
UNDER SPEED PROTECTION	FREQUENCY	Settable between 40Hz to 60Hz Slope 2pu
RESPONSE TIME	TIME	Less than 75milli seconds.
CLOSED LOOPED RESPONSE	TIME	0.5 secs to recover 98% of the set voltage for a field forcing ratio of 1:2.
VOLTAGE DRIFT	Less than $\pm 1\%$ for 30°C change in Ambient.	
OPERATING TEMPERATURE	TEMPERATURE	-20°C to + 60°C
POWER DISSIPATION	Less than 6W	
DIMENSIONS (in mm)	OVERALL	115 X 115 X 45
	MOUNTING	105 X 85
	WEIGHT	550gm