

TECHNICAL SPECIFICATION & FEATURE: SES-95SP6

INPUT POWER	VOLTAGE	240V AC rms \pm 10%
	FREQUENCY	50/60 Hz
OUTPUT POWER	VOLTAGE	95V DC
	CURRENT	6 Amps continuous 8 Amps for 10sec
SENSING	VOLTAGE	415V AC 2line sensing, AVR senses true average of the line to line waveform.
BUILD-UP VOLTAGE	VOLTAGE	\leq 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.
EXTERNAL VOLTAGE ADJUSTMENT	VOLTAGE	\pm 10% of Terminal voltage (using 2k/2.5k pot)
UNDER SPEED PROTECTION	FREQUENCY	Settable between 40Hz to 60Hz Slope 2pu
QUADRATURE DROOP	%DROOP	10% (max) for 5A input corresponding to 1pu line current.
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.	

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OPERATING TEMPERATURE	TEMPERATURE	-20°C to + 60°C
	Less than 10W	
POWER DISSIPATION		
DIMENSIONS (in mm)	OVERALL	170 X 100 X 45
	MOUNTING	155 X 70
	WEIGHT	650gm.

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