

**TECHNICAL SPECIFICATION & FEATURE: SES-12**

<b>INPUT POWER</b>	<b>VOLTAGE</b>	240V AC
	<b>FREQUENCY</b>	50/60 Hz
<b>OUTPUT POWER</b>	<b>VOLTAGE</b>	200 V DC for 240V AC
	<b>CURRENT</b>	15 Amps
<b>SENSING INPUT</b>	<b>VOLTAGE</b>	3 Phase: 110 V AC line to line rms.
<b>BUILD-UP VOLTAGE</b>	<b>VOLTAGE</b>	1.5V (Typical)
		2.5V (Guaranteed)
<b>VOLTAGE REGULATION</b>	<b>% REGULATION</b>	±0.5% (at AVR terminals)
<b>DROOP</b>	<b>CURRENT</b>	10% (Max.) for 5A/1A input corresponding to 1.0Pu line current in 'W' phase
<b>VOLTAGE VARIATION</b>	<b>VOLTAGE</b>	±10% (typical) with voltage trimmer of 10K(std)
<b>RESPONSE TIME</b>	<b>TIME</b>	50milli seconds. Closed loop voltage recovery at m/c terminals between 0.5 to 2.0 sec. depending on size of ACG
<b>UNDER SPEED PROTECTION</b>	<b>FREQUENCY</b>	Settable down to 40Hz slope 1.5 to 3.0 P.U
<b>VOLTAGE DRIFT</b>	<b>VOLTAGE</b>	≤ ±1% for 40°C change in Ambient
<b>OPERATING TEMPERATURE</b>	<b>TEMPERATURE</b>	-20°C to + 60°C
<b>ACCESSORY INPUT</b>	<b>VOLTAGE</b>	±4.5V DC will change terminal voltage by ±15% (Approx.). The accessory input must be isolated
<b>EXCITATION CURRENT LIMIT</b>	<b>CURRENT</b>	Inverse time-delayed; Settable by over Excitation Pot. Range 2.0 to 15.0 Amps

<b>DIMENSIONS (in mm)</b>	<b>OVERALL</b>	330 X 200 X 120
	<b>MOUNTING</b>	313 X 148
	<b>MOUNTING HOLE DIA</b>	5.5
	<b>WEIGHT</b>	5.3Kg(approximately)

SANELEC