

GENERAL SPECIFICATION

RECTIFIER	Input Voltage	220V/380V/400V/415V/440V \pm 15% , 3 Phase (110V/220V/230V/ 240V/255V \pm 15% , 1 Phase)
	Frequency	50 / 60 Hz \pm 5 %
	Start up time	>10 seconds soft start
	DC Output	110 / 220 / 360 VDC \pm 1 %
	Battery Current	Adjustable according to Ah
	Type	6 Pulse Thristor modules with angle adjustment (12 Pulse optional)
INVERTER	Output Voltage	220V/380V/400V/415V \pm 1 % , 3 Phase (110V/220V/230V / 240V \pm 1% ,1 Phase)
	Frequency	50 / 60 Hz \pm 0,1 % , \pm 5 % line synchronised
	Power	Rated kVA at 0,8 PF
	Rating	Continuous capacity at 40 °C ambient temperature
	Type	Pulse width Modulation PWM using IGBT modules
	Voltage Regulation	\pm 1 % static , \pm 5 % / 20 msec. Dynamic
LINE STABILIZER (BY-PASS)	Output Voltage	380V/400V/415V \pm 2 % , 3 Phase (220V/230V / 240V \pm 2 % ,1 Phase)
	Frequency	50 / 60 Hz \pm 5 %
	Power	Rated kVA at 0,8 PF
	Correction Speed	100V/sec
	Type	Automatic servo controlled
BY-PASS / STATIC TRANSFER SWITCH	Input Voltage	220V/380V/400V/415V \pm 15 % , 3 Phase (110V/220V/230V/ 240V \pm 15 % , 1 Phase) with input line isolation transformer
	Frequency	50 / 60 Hz \pm 5 % (same as line input)
	Transfer Time	By-pass to inverter : 0 msec. , re-transfer / recovery : 0 msec. , blackout : < 5 msec. ,sag / swell : 0 msec.

GESS INDUSTRIAL TYPE UPS SINGLE LINE DIAGRAM

