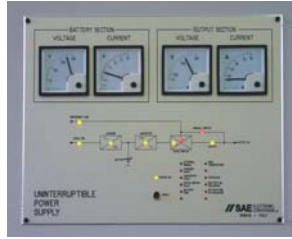


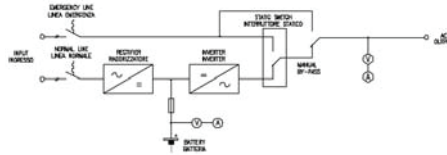
# UPS



UPS 20 kVA



Mimic panel



Flow diagram



UPS 20 kVA - internal view

General Technical Data	
<b>MODELS</b>	<b>Three-phase / Single phase</b>
Power (kVA)	From 1 kVA to 300 kVA
<b>INPUT</b>	
Nominal Voltage	From 115 to 690 VAC
Emergency voltage	From 115 to 690 VAC
Voltage tolerance	+/- 10%
Frequency	50/60 Hz +/-10%
<b>OUTPUT</b>	
Nominal Voltage	From 220 to 690 VAC
Static stability	+/- 1%
Dynamic stability	+/- 5%
Frequency	50 or 60 Hz +/- 0,1%
Waveform	Sinusoidal (maximum distortion 3%THD)
Power factor	> 0,9
Overload capability	125% for 120'; 150% for 30'
Efficiency at 100% load	0,90
<b>BATTERIES</b>	
Type	Lead, flooded and VRLA AGM / GEL; NiCd,
Autonomy Time (full load)	From 5 minutes to 24 hours - on request
<b>BY-PASS</b>	
Input Voltage	From 220 VAC to 690 VAC
<b>USER INTERFACE</b>	
Front panel	Graphical mimic with LED's
Output instruments	Voltmeter, ammeter, frequencymeter
Protection	Overload, short circuit, overtemperature, out of voltage protection, battery on discharge protection
Alarm	Power failure, overload, over-temperature
Remote indication	A volt-free changeover contact for common fault alarm
<b>ENVIRONMENTAL</b>	
Noise	< 55 dB (A) 1mt
Operating temperature	-5°C / +45°C
Relative humidity	< 95% non condensing
Protection rating	From IP 20 to IP 55 on request
Colour	RAL 7035 or 7032 or 9010 on request
MTBF ( batteries exc.)	50.000 hours
MTBT	1 hour
Standards	IEC EN 62040-1 62040-2 62040-3
Quality	ISO 9001:2000