

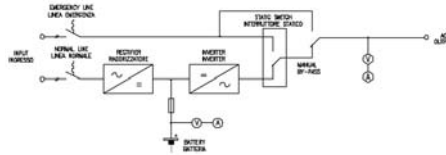
UPS



UPS 20 kVA



Mimic panel



Flow diagram



UPS 20 kVA - internal view

General Technical Data

MODELS	Three-phase / Single phase
Power [kVA]	From 1 kVA to 300 kVA
INPUT	
Nominal Voltage	From 115 to 690 VAC
Emergency voltage	From 115 to 690 VAC
Voltage tolerance	+/- 10%
Frequency	50/60 Hz +/-10%
OUTPUT	
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
BATTERIES	
Type	Lead, flooded and VRLA AGM / GEL; NiCd,
Autonomy Time (full load)	From 5 minutes to 24 hours - on request
BY-PASS	
Input Voltage	From 220 VAC to 690 VAC
USER INTERFACE	
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
ENVIRONMENTAL	
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