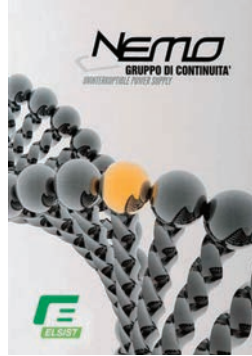
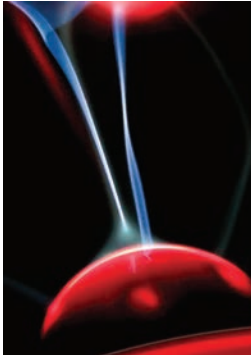


Mission 6K 10K

Single-phase uninterruptible power supplies



Uninterruptible power supplies

MODEL		MISSION 6KVA	MISSION 10KVA
NOMINAL POWER		6000VA / 5400W	10000VA / 9000W
INGRESSO	Input	Single-phase	
	Power Factor	≥0.9 (input THDV ≤1%)	
	Nominal Voltage	220VAC / 230VAC / 240VAC	
	Nominal Frequency	50Hz/60Hz automatic selection	
	Voltage Range	120~276Vac	
	Frequency Range	45~65Hz	
	Bypass Voltage range	220Vac max : default +25% (+10%, +15%, +20%, +25%) 230Vac max : default +20% (+10%, +15%, +20%) 240Vac max : default +15% (+10%, +15%)	
		min : default 45%(-20%, -30%, -45%,)	
	Bypass Frequency range	±1% - ±2% - ±4% - ±5% - ±10%	
	THDi	≤3% (100% linear load, input THDV ≤1%)	
≤5% (100% non linear load, input THDV ≤1%)			
BATTERIA	Number of batteries	16 blocks Standard - 18/20 blocks (configured)	
	Type of battery	12V/7Ah	12V/9Ah
		Maintenance-free, sealed lead-acid	
	Type of recharging	Fast charging or trickle charge automatically	
	Recharge time	Fast up to 20h (Max)	
Maximum recharge current	1A (standard unit)		
USCITA	Output	Single-phase	
	Voltage tolerance	±1.0%	
	Voltage distortion (THD)	Less than 2% with 100% linear load	
		Less than 5% with 100% non linear load	
Nominal Voltage	220V/230V/ 240Vac selectable		
USCITA	Frequency regulation	±0.1% (single unit)	
		±0.25% (parallel units)	
	Frequency	When Mains present: UPS takes the same	
		In battery mode: 50Hz / 60Hz	
	Frequency synchronization	1Hz/s (single unit)	
		0.5Hz/s (parallel units)	
	Overload with mains presence	105 % ~ 110 %, 1h max.	
		110% ~ 125%, 10 min max.	
		125% ~ 150%, 1 min max.	
		> 150% switch to bypass	
	Overload on bypass	Feed the load for long time if output current is <125%	
		Overload on Bypass is limited by the switch on bypass line.	
	Crest factor	3:1	
AC efficiency	≥90%		
Dynamic response	± 5.0% (with load 0% to 100%)		
	≤5% in one cycle		
Current limit on inverter output	When instantaneous current is 2 ~ 3 times than nominal peak current (1.414 * nominal power / (3 * 220)) the inverter enter in current limitation mode		
DC component	≤200mV		

MODEL		MISSION 6KVA	MISSION 10KVA
POTENZA NOMINALE		6000VA / 4800W	10000VA / 8000W
SWITCH TIME	from Mains to battery	0ms	
	from Inverter to bypass		
Noise		<55dB (1m)	
Display		LED + LCD	
Safety		compliant with IEC62040-1, GB4943	
EMI		Conduction: IEC 62040-2	
		Radiation: IEC 62040-2	
		Armonics: IEC 62040-2	
EMS		IEC 62040-2	
Insulation resistance		> 2MΩ (500Vdc)	
Voltage insulation		2820Vdc, <3.5mA, 1min	
Voltage spikes		compliant with IEC60664-1 1.2/50uS+8/20uS 6KV/3KA	
IP protection grade		IP20	

Environmental conditions

MODEL	MISSION 6KVA	MISSION 10KVA
Temperature	0°C ~ 40°C (battery excluded)	
Humidity	0 ~95% no condensation	
Altitude	<1500m if >1500m power is reduced	

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MODEL	MISSION 6KVA	MISSION 10KVA
Height (mm)	616	
Width (mm)	250	
Depth(mm)	502	
Weight (Kg)	62	64
Color	black	