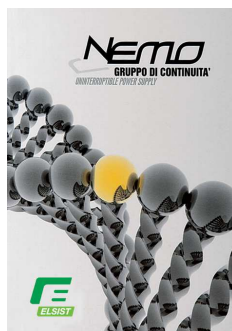


# Flexible 6K-10K

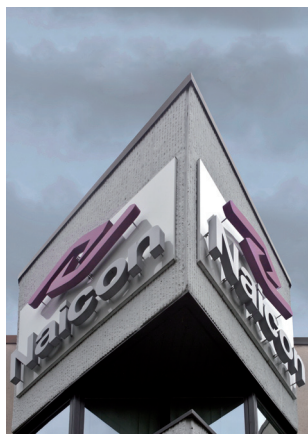
On-line Single-Phase UPS rack/tower



Uninterruptible Power Systems

MODELLO		FLEXIBLE 6000	FLEXIBLE 10000
Phase		Single phase with ground	
Power (VA/Watts)		6000VA / 5400W	10000VA / 9000W
INPUT			
Nominal Voltage		208/220/230/240VAC	
Operating voltage range	Low line transfer	187Vac±5% @ 100%-80%load 160Vac±5% @ 80%-70%load 140Vac±5% @ 70%-60%load 120Vac±5% @ 60%-50%load 110Vac±5% @ 50%-0%load (Ambient Temp. <35°C)	
	High line transfer	300Vac ±5%	
	High line comeback	290Vac ±5%	
Operating frequency range		40-70Hz	
Power factor		≥0.99@100% load(Nominal Input Voltage)	
Generator input		Supported	
OUTPUT			
Output voltage		208/220/230/240Vac	
Power factor		0,9	
Voltage regulation		±1%	
Frequency	Line Mode (synchronized range)	40-70Hz	
	Battery Mode	(50/60±0.1)Hz	
Crest factor		03:01:00	
Harmonic distortion (THDv)		≤2% THDwith linear load ≤5% THD with non linear load	
Waveform		Pure Sinewave	
Transfer time	AC mode <-> Batt. Mode	Zero	
	Inverter <-> bypass	4ms(Typical)	
Efficiency		>94% (AC mode) >89% (DC mode)	>94.5% (AC mode) >89% (DC mode)
BATTERY			
Battery Type		depends on the capacity of external batteries	
Numbers		16/20	20
Backup time		Long run unit depends on the capacity of external batteries	
Typical recharge time(standard modle)		4 hours recover to 90% capacity (Typical)	
Charging voltage		137/219.2 VDC ±1%	219.2 VDC ±1%
Charge current		12A max, can be setting by LCD	
SYSTEM FEATURES			
Line Mode / Battery Mode		<b>Ambient Temp.&lt;35°C</b> <ul style="list-style-type: none"><li>105%~110%: UPS shuts down after 60 minutes at battery mode or transfer to bypass when the utility is normal</li><li>110%~130%: UPS shuts down after 5 minutes at battery mode or transfer to bypass when the utility is normal</li><li>&gt;130%:UPS shuts down after 3 seconds at battery mode or transfer to bypass when the utility is normal</li></ul> <b>35°C&lt;Ambient Temp.&lt;40°C</b> <ul style="list-style-type: none"><li>105%~110%: UPS shuts down after 1 minutes at battery mode or transfer to bypass when the utility is normal</li><li>&gt;110%:UPS shuts down after 3 seconds at battery mode or transfer to bypass when the utility is normal</li></ul>	
Short Circuit		Hold Whole System	
Overheating		Line Mode: Switch to Bypass; Backup Mode: Shut down UPS immediately	
Low battery voltage		Alarm and Switch off	
EPO (optional)		Shut down UPS immediately	
Audible & Visual alarms		Line Failure, Battery Low, Overload, System Fault	
Comunication interface		USB(or RS232), SNMPcard(optional), Relay card (optional)	

ENVIRONMENTAL		
Operating temperature	0℃~40℃	
Storage temperature	-25℃~55℃	
Humidity range	20-90 % RH @ 0- 40℃ (non-condensing)	
Altitude	< 1500m	
Noise level	Less than 50dBA at 1 Meter	
PHYSICAL		
Dimension W×H×D (mm)	440*86*490	440*86*585
Net Weight (kg)		
STANDARDS		
Safety	IEC/EN62040-1,IEC/EN60950-1	
EMC	IEC/EN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-4, IEC61000-4-5,IEC61000-4-6,IEC61000-4-8	



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