Online UPS
Nx890A

10 kVA ~ 120 kVA (3:3)
(3:1) Configurable



FEATURES

- Online double-convertion with full DSP control
- IGBT inverter with output isolation transformer
- 100% unbalance load capability
- Output power factor 0.9/0.8
- Generator compatible
- Support battery cold start auto-restart when mains power is restored
- ECO mode operation for energy saving
- Superior protection
- 5.7 inches LCD touch screen, friendly human & machine interface
- Front access make maintenance and replacement simplified (60~120 kVA)
- Intelligent self-diagnosing function, all kinds of failure protection, Large capability of history records storage
- High MTBF (> 200,00 h) Low MTTR (< 0.5 h)
- Standard emergency power off (EPO)
- Standard Rs232. Rs485, dry contacts communication port
- Optional SNMP communication port
- Optional N+X redundancy parallel up to 6 units
- Optional input filter to improve input power factor
- IGBT Inverter

Tel: 040-4014 8225, +91 93914 23279| E-mail: marketing @numaxups.co.in

Online UPS Nx890A

Specifications

NUMAX®

MODEL	Nx8910	Nx8915	Nx8920	Nx8930	Nx8940	Nx8960	Nx8980	Nx89100	Nx89120
Capacity	10 kVA	15 kVA	20 kVA	30 kVA	40 kVA	60 kVA	80 kVA	100 kVA	120 kVA
INPUT									
Input wiring	Three-phase five-wire (3 Ø + N + PE)								
Rated voltage	380 / 400 /415 Vac								
Voltage range	285 ~ 475 V								
Rated Frequency	50/60 Hz								
Frequency range	(50 / 60) ± 5 Hz								
Power factor	≥ 0.95 (with Filter)								
Delayed start of rectifier	10 s (1 ~ 300 settable)								
Bypass voltage range	± 20% (settable)								
OUTPUT									
Output wiring	Three-phase five-wire (3 Ø + N + PE)								
Rated voltage	380 / 400 / 415 Vac								
Output Voltage regulation	± 1%								
Output Frequency regulation	50/60 Hz ± 0.1% Hz in battery mode								
Waveform	Sinusoidal								
Power factor	0.9 / 0.8								
Voltage distortion (THDv)	≤ 1% (linear load); ≤ 5% (non-linear load)								
Crest Factor	3:1								
Overload	105% ~ 110% for 60 min, 110% ~ 125% for 10 min								
BATTERIES									
DC Voltage	Lead acid battery: 360 Vdc Lithium iron phosphate battery : 384 Vdc								
Number of battery	Lead Acid battery : 12 V x 30 pcs (support 28 ~ 32 pcs) Lead Acid battery : 2 V x 180 pcs (support 168 ~ 192 pcs) Lithium iron phosphate battery : 3.2 V x 120 pcs (support 112/120 pcs)								
Charging current	Charging rate (settable) x battery capacity (settable) x number of battery groups (settable)								
SYSTEM									
Efficiency	In Line mode: Max. 93%; ECO mode: = 98%								
Max. number of parallel connections	6								
Protections	Short-circuit, overload, over temperature,battery low voltage,over voltage,under voltage and fan failure								
Communications	RS232 / RS485 / dry contacts (standard), SNMP (optional)								
EMI	EN62040-2								
EMS	IEC61000-4-2 (ESD) IEC61000-4-3 (RS) IEC61000-4-4-(EFT) IEC61000-4-5 (surge)								
OTHERS									
Operating temperature	0°C ~ 40°C								
Storage temperature	-25°C ~ 55°C (without batteries)								
Relative humidty	0% ~ 95% (non-condensing)								
Altitude	≤ 1000 m (derating 1 % for each additional 100m)								
IP rating	IP 20								
Noise level at 1 m	65 dB								
Dimensions (WxDxH) (mm)	400 x 800 x 1100					600 x 700 x 1500	700 x 800 x 700		
Packaged dimensions (WxDxH) (mm)	490 x 920 x 1300					700 x 800 x 1650	800 x 900 x 1850		
Net weight (kg)	158	165	175	210	260	460	590	630	690
Gross weight (kg)	200	207	217	252	302	480	620	660	720

All specifications are subject to change without notice.
Custom-made specifications are acceptable.
This product is applicable to industrial, commercial, financial, rail transit and other industries applications, but not available for life support systems.
For critical systems related to public safety or significant economic benefits, dual power system is required to power the load.

Tel: 040-4014 8225, +91 93914 23279| E-mail: marketing @numaxups.co.in