

10-100kVA

Online Industrial 3/1 UPS



The Industrial UPS is built to provide dependable, high-efficiency power protection in challenging conditions. It ensures continuous operation of critical systems, shielding equipment from outages and electrical disturbances. Ideal for manufacturing, automation, and process control, it delivers reliable performance.



General Features

- Full Input/output Electrical Isolation
- Full Digital Control Technology
- Intelligent Detection And Monitoring Function
- IP55 Rating
- Supports Paralleling Upto 6 Units
- Optional Bypass Isolation Transformer And Voltage Stabilizer
- Comprehensive Protection: Overvoltage, Undervoltage, Overcurrent, Short Circuit, Etc.
- Large Multi-language Touchscreen Lcd Display
- Static Bypass With Strong Overload Handling Capability

SPECIFICATIONS

MODEL		
Input	Normal voltage	380/400/415 Vac 3Phase $\pm 20\%$, 50/60Hz $\pm 10\%$
	Power factor	Up to 0.95
	Input THDi	<10% @ rated load
	Bypass voltage range	380/400/415 Vac 3Phase $\pm 25\%$, 50/60Hz $\pm 15\%$
Output	Rated voltage	220/230/240 Vac single phase
	Voltage regulation	$\pm 1\%$ static; $\pm 5\%$ dynamic; 80% load change, <10 ms recovery
	Power factor	0.8
	Frequency	50/60Hz (Adaptive), $\pm 0.05\%$ Hz synchronization, ± 2 Hz asynchronous
	Harmonic distortion (THDv)	< 2% linear load; <5% non-linear load
Battery	Battery voltage	384VDC (Default), 108/216VDC (Optional)
	Battery type	Lead-acid, Ni-cd, Li-Ion (Optional)
System Feature	Transfer time	0ms
	Overload	125% for 10 min; 150% for 1 min; 200% for 100ms
	Cooling	Forced ventilation and redundant fans
	IP Rating	IP42 (Standard)
	SNMP (Optional)	For remote monitoring
	Paralleling	Upto 6 Units
Environment	Operating temperature	-10°C to 40°C (up to 55°C with de-rating)/Storage: -20°C to 70°C
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	Altitude	1000m
	Noise level	65 to 75 dB (Depending on rating and options)
User Interface	Front Panel	Graphic display, minic LED panel, Running indicator, EPO optional
	Connectivity	Includes alarm relay card and RS485 interface
Standards	Safety	IEC EN 62040-1; EMC-IEC EN 62040-2
	Environmental aspects	IEC EN 62040-4
	Test and performance	IEC EN 62040-3

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MODEL	kVA	kW	Battery Charging Current	Net Weight	Dimensions (mm)
NPS-C3110	10	8	6.25A	327	600x800x2050
NPS-C3115	15	12	9.375A	372	
NPS-C3120	20	16	12.5A	418	
NPS-C3130	30	24	18.75A	516	
NPS-C3140	40	32	25A	620	
NPS-C3150	50	40	31.25A	700	800x800x2050
NPS-C3160	60	48	37.5A	720	
NPS-C3180	80	64	50A	920	
NPS-C31100	100	80	62.5A	1070	1200x800x2050

*Product specifications and appearance are subject to change without further notice.

ORDERING INFORMATION

Part Number	Description
NPS-C3110	10kVA Online Industrial 3/1 UPS (External Battery)
NPS-C3115	15kVA Online Industrial 3/1 UPS (External Battery)
NPS-C3120	20kVA Online Industrial 3/1 UPS (External Battery)
NPS-C3130	30kVA Online Industrial 3/1 UPS (External Battery)
NPS-C3140	40kVA Online Industrial 3/1 UPS (External Battery)
NPS-C3150	50kVA Online Industrial 3/1 UPS (External Battery)
NPS-C3160	60kVA Online Industrial 3/1 UPS (External Battery)
NPS-C3180	80kVA Online Industrial 3/1 UPS (External Battery)
NPS-C31100	100kVA Online Industrial 3/1 UPS (External Battery)