

Ultra Power Series is a transformer-based UPS of Cellnor, both input and output are 3 phases. The output power factor is 0.9. These ups can work in parallel and expand its power capacity. This series UPS is highly reliable and have good impact resistance, it can supply safe and reliable protection for the load.



General Features

- Online Double Conversion
- Full DSP Control
- High Power Factor
- Wide input adaptability
- Optimized battery management
- N+X parallel redundancy
- Strong overload capability
- Multi-protection
- 6 Pulse and 12 Pulse Rectifier (Optional)
- EPO function

SPECIFICATIONS

MODEL		CN933300U	CN433400TU	CN433500TU	CN433600TU
Capacity	kVA	300kVA	400kVA	500kVA	600kVA
	Watts	270kW	360kW	450kW	540kW
Input	Normal voltage	380/400/415Vac (3Ph+N+PE) (-25% +20%)			
	Harmonic distortion(THDi)	<3%(100% linear load)			
	Operating frequency range	50/60Hz (±5Hz)			
	Power factor	0.98 (with filter)			
	Bypass voltage range	Upper limit:+20%(+10%,+15%,+20% adjustable) Lower limit:-40%(-10%,-20%,-30%,-40% adjustable)			
	Bypass Frequency range	±10%(±2.5%,±5%,±10%,±20% adjustable)			
Output	Rated voltage	380/400/415Vac (3Ph+N+PE)			
	Power factor	0.9			
	Voltage regulation	±1%			
	Frequency	50/60(±0.1)Hz			
	Crest factor	3:1			
	Harmonic distortion (THDv)	≤2% with linear load			
	Efficiency	>93%		>93.5%	
Battery	Output Waveform	Pure Sine Wave			
	Battery voltage	384Vdc (30/32/34pcs)		480Vdc (40pcs)	

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System Features	Transfer time	Mains to battery:0ms;			
	Overload	110%60min, 125%10min, 150%1min			
	LED Display	Input,Inverter,Bypass,Battery,Output,Status			
	LCD Display	I/O voltage,frequency,power,power factor,battery voltage,current,battery status,load percentage, UPS status,history record,settings			
	Communication	USB, RS232, RS485, Parallel port,dry contact, Intelligent slot, LBS, SNMP card (optional), Relay card (optional)			
Environment	Operating temperature	0~40°C			
	Storage temperature	-25~55°C			
	Humidity range	0~95% (Non-condensing)			
	Altitude	<1500m			
	Noise level	<70dB			
Physical	Dimension WxDxH(mm)	1400x1000x1900 (6P)/1640x1000x1900(12P)	2580x1000x1900	2800x1040x1900	
	Net Weight (kg)	1560/2395	1640/2510	3510	4500
Standards	Safety	IEC/EN62040-1,IEC/EN60950-1			
	EMC	IEC/EN 62040-2;IEC 61000-2-2;IEC 61000-4-2;IEC 61000-4-3;IEC 61000-4-4 IEC 61000-4-5;IEC 61000-4-6;IEC 61000-4-8;IEC 61000-4-11			
	Performance	IEC62040-3			

ORDERING INFORMATION

Part Number	Description
CN933300U	300kVA Double Conversion Transformer-Based UPS Input/Output Three-Phase
CN433400TU	400kVA Double Conversion Transformer-Based UPS Input/Output Three-Phase
CN433500TU	500kVA Double Conversion Transformer-Based UPS Input/Output Three-Phase
CN433600TU	600kVA Double Conversion Transformer-Based UPS Input/Output Three-Phase