



# POWEREX

Reliable Energy Protection

## PLUS PX3300

FP : 1

### APPLICATIONS

IDC (Internet Dater Center) - Network - Servers  
and workstations - Control System -  
Communication System - Office - Pc, etc.



### FEATURES

- ▶ Double conversion technology
- ▶ High efficiency, up to 94%
- ▶ High input PF >; Input current THDi < 4%
- ▶ Multi-protección, over-temperature protection with 8 sensors, over-load, battery under voltage, fan failures, short-circuit
- ▶ Four circuit breakers, providing full protection when fault happens
- ▶ Battery cold start
- ▶ Battery management with smart charging control, greatly extend the battery life
- ▶ Parallel up to 8 units
- ▶ Friendly operation interface, high-resolution LCD screen

## TECHNICAL SPECIFICATIONS

Model	PX33010	PX33015	PX33020	PX33030
Capacity	10KVA / 10KW	15KVA / 15KW	20KVA / 20KW	30KVA / 30KW
Parallel Connection (optional)	Up to 8 units in redundancy			
Phase	3 Phase + Neutral + Ground, 208V / 220V			
Voltage AC	120 / 208V TRIPHASIC, 127 / 220V TRIPHASIC			
Voltage Range	187 - 260Vac (Line - Line), full load 125V - 187Vac (Line - Line), load decrease linearly according to the min phase voltage		187 - 260Vac (Line - Line), full load 125V - 167Vac (Line - Line), load decrease linearly according to the min phase voltage	
Frequency Range	40 / 70Hz			
TDHi	< 5% (Full linear load)		< 4% (Full linear load)	
Power factor	≥ 0.99			
<b>Output</b>				
Voltage AC	120 / 208V TRIPHASIC, 127 / 220V TRIPHASIC			
Voltage Regulation	±1% for balance load; ±1.5% for unbalance load			
Frequency	Synchronized with utility In mains mode: 50 / 60Hz ± 0.1% in battery mode			
THDU	< 1.5% (linear load), <6% (non- linear load)			
Power factor	1			
Frequency Range	50/60Hz			
Frequency precision	0.1%			
Crest Ratio	3:1			
Overload	<110%, 10 min; 110%-125%, 1min; 125%-150%, 30s; >150% 200 ms		110%, 60 min; 125% 10 min; 150% 1min; >150% 200ms	
Autonomy	100%, 4 - 7min			
Transfer time	AC mode ↔ Batt. Mode	0ms (Zero)		
	Invert ↔ bypass	4ms (Typical)		
<b>Battery</b>				
Voltage	±120VDC			
Charge Power	20% System Power			
Voltage Precision	1%			
<b>SYSTEM</b>				
System Efficiency	Normal	93%		94%
	Battery	92.5%		93%
Display	LCD + LED + Keyboard			
IP Class	IP20			
Interface	Standard: RS232, RS485 Option: SNMP, Dry contacts, Battery cold start, USB			
Operation temperature	0-40°C			
Acoustic Alarm	Low battery, Overload, Shutdown, Bypass			
Noise	58dB@ 100% load, 52dB@ load (1 meter away) 55dB@ load (10KVA)		70dB @ 100% load, 62dB @ 45% load (20KVA/30KVA)	
<b>PHYSICAL</b>				
Weight (kg)	51.5	140		
	31	64		
Dimensions (W x D x H)(mm)	390 x 960 x 805 (box)	400 x 1140 x 945 (box)		
	250 x 660 x 530	250 x 950 x 770		
<b>Standars</b>				
Safety	EN 550091-1-1 / IEC 62040-1-1 / AS 62040-1-1 / ISO 9001:2015			
EMC	EN 550091-2 / IEC 62040-2 / AS 62040-2 / ISO 9001:2015			