



POWEREX
Reliable Energy Protection

PX33000 SERIES

FP : 1

APPLICATIONS

IDC (Internet Dater Center) - ISP - IT
Room - Service Center

FEATURES

- ▶ High efficiency, up to 93%
- ▶ High input PF >0.99; Input current THDi < 3%
- ▶ Multi-protección, over-temperature protection with 8 sensors, over-load, battery under voltage, fan failures, short-circuit
- ▶ Battery cold start
- ▶ Battery management with smart charging control, greatly extend the battery life
- ▶ High power density
- ▶ Parallel up to 900Kva
- ▶ Modular desing of subsystem, convenient for field maintenance
- ▶ Friendly operation interface, color touch LCD screen



TECHNICAL SPECIFICATIONS

Model	PX33060	PX33090	PX33120	PX33150	PX33180
Capacity	60KVA / 60KW	90KVA / 90KW	120KVA / 120KW	150KVA / 150KW	180KVA / 180KW
Input					
Phase	3 Phases + Neutral + Ground, 200/208/220VAC (Line-Line)				
Voltage Range	166~261Vac (Line-Line), full load 125V~166Vac (Line-Line), load decrease linearly according to the min phase voltage				
Frequency Range	40 / 70Hz				
TDHi	< 3% (Full linear load)				
Power factor	≥ 0.99				
Output					
Voltage AC	200/208/220VAC (Line-Line)				
Voltage Regulation	Balanced load: ±1%; Unbalanced load: ±1.5%				
THDU	<1.5% from 0% to 100% linear load <6% full non-linear load according to IEC/EN62040-3				
Power factor	1				
Frequency Range	50/60Hz				
Frequency precision	±0.01%				
Overload capability	<110%, 60min; 110%~125%,10min; 125%~150%,1min; >150%, 200ms				
Battery					
Voltage	±120VDC				
Charge Power	20% *Output power				
Voltage Precision	1%				
Battery Cabinet					
Dimensions and weight	Customized (Depends of the desired backup time)				
SYSTEM					
System Efficiency	Normal	>93%			
	Battery	>93%			
Display	LED + LCD + touch screen				
Interface	Standard: RS232, RS485, USB, Dry contact (Programmable)				
	Optional: Battery Cold Start (Standard above 150kVA) SNMP, AS400, parallel kit, Lightning protection components				
Operation temperature	0~40°C				
Relative Humidity	0~95% Non condensing				
Noise	65dB @ 100% load, 62dB @ 45% load (1 meter away)				
PHYSICAL					
Weigh (kg)	210	305	350	445	490
Dimensions (W x D x H) (mm)	600 x 980 x 1150	650 x 960 x 1600	650 x 960 x 1600	650 x 960 x 2000	650 x 960 x 2000