

HXi Series

10~40kVA

Applications:

For all kind of ADP Machines

**ISOLATION
TRANSFORMER**
advantage of
NOISE REJECTION



Adoption of IGBT Inverter & rectifier, saves energy & coupled with an isolation transformer, enhances the reliability and load adaptability. This unique construction for input and output isolation provides the advantage of noise rejection as well as clean and safe neutral line to the load.

Features:

- True Online Double Conversion Design
- Output Isolation Transformer
- Wide Input Voltage Range
- User Friendly Digital LC Display
- Cold Start Function
- High Crest Factor Circuit Design
- Advance Battery Management
- Improved Input Power Factor
- Inbuilt High-Rated Charger enable Battery Backup up to 2-10 Hrs.
- IGBT based charger for smart battery management & improve input powerfactor



Front LC Display

Rear Panel

1. RS232 / SNMP (Optional)
2. Fan
3. Input Breaker
4. Maintenance Bypass Breaker
5. Input Terminal
6. Output Terminal
7. Battery Terminal



- Wide Input Frequency Range ensure all types of fuel generators connected work stable.
- Optimization of high performance of battery.
- Advanced floating switching and charging technology maximizes the activation of the battery, thus saves the charging time and extends the battery life.
- Battery cold start function.
- The UPS can be start directly by battery group when no utility access in which meets the emergency needs of user.
- Comprehensive and reliable protection
- self-diagnosis function before start-up.
- The multi-protections such as overload, short circuit, over temperature, battery under voltage, battery over voltage and so on greatly ensure the system stability and reliability.
- Solar compatibility (Optional)
- Static bypass (Optional)

MODEL	HXi3110L16	HXi3110L20	HXi3115L20	HXi3120L20	HXi3115L30	HXi3120L30	HXi3130L30	HXi3140L30
Capacity (kVA)	10	10	15	20	15	20	30	40
INPUT								
Voltage Range	285V~470V @100% Load, Three Phase (4 Wire)							
Frequency Range (Hz)	50Hz ±10%							
Power Factor	□ 0.95							
OUTPUT								
Power Factor	0.8 (Standard)/ 0.9 Optional							
Voltage (V)	220V/230V/240V ±1% (Configurable)							
Frequency (Hz)	50Hz ±0.1%							
Waveform	Pure Sine Wave							
THDv	≤1%							
Overload	≤ 125% for 10 Min, ≤ 150% for 1 Min, > 150% for 300 ms							
Efficiency	94.0%							
Isolation Transformer	Inbuilt Isolation Transformer							
BATTERY								
Battery Voltage	192V DC	240V DC			360V DC			
Charging Current (Max)	1A ~ 10A Standard (High Rating Optional)							
Charging Time	4-5 Hrs. to 95%							
SYSTEM FEATURES								
Display	LCD	Input and Output Voltage, Input and Output Frequency, Load & Battery %						
	LED	Mains, AC Mode, DC Mode, Low Battery, Overload						
Alarm	Battery Low Voltage, Abnormal Power Supply, UPS Failure, Overload							
Protection	Battery Low Voltage, Overload, Short Circuit and Over Temperature							
ENVIRONMENTAL								
Temperature	Operating: 0~50°C*, Storage: -15°C ~ 60°C							
Humidity / Altitude	0~95% RH Non-condensing / <1500 M							
Noise	≤50dB(A)				≤55dB(A)			
STANDARDS								
Quality	ISO 9000, ISO 14001, ISO 27001, ISO 45001, ISO 50001, BIS, RoHS							
Safety	IEC/EN62040-1							
EMC / Performance	IEC/EN62040-2; IEC/EN62040-3, Complying to CE							
PHYSICAL								
Dimension WxDxH (mm)	280x615x685		350x650x795				280x615x685	
Weight (Kg)	88	117	150	117	150	185	220	
COMMUNICATION INTERFACE								
Optional	SNMP / ModBus / Dry Contact / USB / RS-485 / RS-232							
Monitoring Software	NetAgent Utility v5.8 / View Power / UPSilon 2000 / Muser 4000							

*Conditions apply.

Specifications are subject to change without prior notice.

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POWER IS ON™

