

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 LCD 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 LCD 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	HXi3115L16	HXi3115L20	HXi3120L20	HXi3115L30	HXi3120L30	HXi3130L30	HXi3140L30	
Capacity (kVA)	10	10	15	15	20	15	20	30	40	
INPUT										
Voltage Range	280V~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	< 3%									
Overload	≤125% for 10 Min, ≥125% for 60 Sec., 150% for 1 sec									
Efficiency	Up to 94%									
Isolation Transformer	Inbuilt Isolation Transformer									
BATTERY										
Battery Voltage	192V DC	240V DC	192V DC	240V DC	360V DC, (Optional 192/240DC)					
Charging Current (Max)	1A ~ 10A Standard (High Rating Optional)									
Charging Time	< 10 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: -10°C ~ 55°C									
Humidity / Altitude	0~95% RH Non-condensing / <1500 M									
Noise	Low Audible Noise Level									
STANDARDS										
Quality	ISO 9001, ISO 14001, OHSAS 18001, ISO 27001, 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	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									

*Specifications are subject to change without prior notice.

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