



HQ i Series

05 KVA ~ 20 KVA

Application:

Server and other networking equipments, Industrial Use

Features :

- True On Line Double Conversion Design
- Output inbuilt isolation transformer
- Wide Input Voltage Range
- User-friendly digital LCD display
- Cold Start Function
- High Crest Factor Circuit Design
- Advanced Battery Management
- Improved input power factor
- Inbuilt High-rated charger for back-up upto 2-10 hrs.

Model / Specification		HQ i 1105L10 HQ i 1106L10 HQ i 1108L12 HQ i 1110L14	HQ i 3110L16 HQ i 3110L20 HQ i 3110L24	HQ i 3115L30	HQ i 3120L30
Rating		5/6/8/10 KVA	10KVA	15 KVA	20KVA
Input	Voltage Range	165 ~ 285 VAC	320 ~ 480 VAC		
	Frequency Range (Hz)	50 Hz ± 10%			
	Phase	Single Phase	Three Phase, 4 Wire		
	Power Factor	> 0.9			
	Battery Voltage (VDC)	120V/144V/168V	192V/240V/288V	240V / 360V	
Output	Voltage	220V / 230V / 240V ± 1% (Selectable), 200V (Optional)			
	Power Factor	0.7 Standard (0.8 & 0.9 Optional)			
	Overload Capacity	125% of rated load last for 60 second, 150% of rated load last for 1 second.			
	Output Distortion	THD < 2% (Linear load) and <4% (Non Linear load)			
Other Features	Display Panel	LCD Display Indicating (input voltage, output voltage, input frequency, output frequency, load capacity, battery voltage) LED indications : Mains, AC Mode, DC Mode, Low Battery, Overload			
	Alarms	Overload, AC input abnormal, Low battery			
	Protections	Low battery, overload, over temperature, short circuit			
	Charger Capacity	2A - 10A Configurable			
	Efficiency	>90%			
	Operating Temperature	0 ~ 45°C			
	Relative Humidity	0 ~ 95% (Non-condensing)			
	Noise (dB)	<50dB upto 1 Metre	<65dB upto 1 Metre		
	Dimension (mm) (WxDxH)	280 x 610 x 690	310 x 810 x 900		
	Weight (Kg)	64/66/69/74	87	95	120
Optional	Static Bypass, RS232, SNMP compatibility				



Rear Panel



Front LCD Display



Large Battery Backup