



HQ Series

05 KVA ~ 15 KVA

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
- Inbuilt High-rated charger for back-up upto 2-10 hrs.
- Fully digital, saves energy

▶ Technical Specifications

Model / Specification		HQ1105L16	HQ1106L16	HQ1108L16	HQ1110L16	HQ1115L16	
Input	Range	3K & 5K	6K	8K	10K	15K	
	Voltage Range	165 ~ 285 VAC, Single Phase (3 wire)					
	Frequency Range (Hz)	50 Hz ± 10%					
	Battery Voltage (VDC)	96V, 192V (168V / 180V configurable)					
Output	Voltage	220V / 230V / 240V ± 1% (Selectable), 200V (Optional)					
	Frequency (Hz)	50 ± 0.1%					
	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 < 3%					
	Crest Factor	3:1					
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)	59	63	69	77	85	
	Optional	Static Bypass, RS232, SNMP compatibility					

ISOLATION TRANSFORMER
advantage of
NOISE REJECTION



Rear Panel



Front LCD Display



Large Battery Backup