



# Unique Power Solutions

(An ISO 9001:2015 Certified Company)

IGBT ON-LINE UPS

CVCF

SERVO

CVT

SINWAVE INVERTER

SMF BATTERY

SALES SERVICE & AMC



## Unique Power Solutions

Regd. Office: J-192, PC Colony, Kankarbagh, Patna  
Adm. Office : J-153, P.C. Colony, Opp. Durga Mandir,  
Ashok Nagar, Kankarbagh, Patna-20

9801370074, 9304222073, 9801370074

sunilkumarsingh875@gmail.com

uniquepowersolution@gmail.com

web: www.uniquepowersolutions.co.in

## Latest Technology of the HF Series online UPS / CVC F/ online CVCF

Unique Power HF Series is latest of the Micro controller based High Frequency PWM Technology online UPS / online IGBT's for higher efficiency and greater reliability. The HF Series UPS provide pure sine wave output and is designed for wide input voltage range from 160V to 270V. Unique Power On-line HF series UPS isolates the critical load from any disturbance by providing complete protection against spike, surges, brown outs, voltage and frequency variation.

### Ability to work with all loads

With pure sine wave output, Unique Power On-Line HF series UPS's can not only work with Computer applications but can also work with other loads such as motor driver loads, medical equipment, Printing machine, communication products which are often damaged by UPS with step wave or square wave output.

Specification / KVA	1, 2, 3, 4, 5, 7, 10	10,15,20,30,40,50,60,75,100	10,15,20,30,40,50,60,75,100
Input Voltage	Single Phase	Three Phase	Three Phase
Input Voltage Range	170 to 270 V	340 to 460 V	340 to 460 V
Input Frequency	45-55 Hz	45-55 Hz	45-55 Hz
<b>INVERTER</b>			
Output wave form	Pure sine Wave	Pure sine Wave	Pure sine Wave
Output voltage	230 V	230 V	415 V (3 in - 3 Out)
Output voltage regulation	+/- 1%	+/- 1%	+/- 1%
Output Frequency	50 Hz +/- 0.5 Hz	50 Hz +/- 0.5 Hz	50 Hz +/- 0.5 Hz
Power Factor	0.8 to unity	0.8 to unity	0.8 to unity
THD	Less then 3%	Less than 3%	Less than 3%
Technology	Micro Controller Based High Frequency PWM Technology		
<b>BATTERY CHARGER</b>			
Charger Type	Constant Voltage Constant Current		
Charging Mode	Tickle, Float & Boost		
<b>OPERATING TEMPERATURE</b>			
0-45° C			
<b>HUMIDITY</b>			
90% Non Condensing			
<b>NOISE LEVEL</b>			
Less Than 45dB			
<b>BATTERY VOLTAGE FOR EXTERNAL BATTERY MODELS</b>			
	1 kVa - 120 V 2 kVA - 120 V 3 kVA - 180 V 5 kVA - 180 V 7.5 kVA - 180 V 10 kVA - 180 V	10 kVa - 360 V 15 kVA - 360 V 20 kVA - 360 V 30 kVA - 360 V 40 kVA - 432 V 50 kVA - 432 V 60 kVA - 432 V	

LCD DISPLAY	AUDIO ALARMS	OPTIONAL FEATURES
<ul style="list-style-type: none"> <li>• On Mains</li> <li>• On Battery</li> <li>• Battery Charging</li> <li>• Battery Discharging</li> <li>• Battery Low</li> <li>• Overload</li> </ul>	<ul style="list-style-type: none"> <li>• Battery</li> <li>• Over Load</li> </ul>	<ul style="list-style-type: none"> <li>• Software for Auto Shutdown</li> <li>• External Battery Bank for longer backup</li> <li>• Static bypass</li> <li>• Hot standby mode</li> <li>• 110V output</li> <li>• 60Hz Output</li> </ul>

Due to continous product development, specifications are subject to charge without prior notice.

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