HE SERIES

HYUN ENERGY®
Smarter.Greener. Powering Sustainability

6KVA - 10KVA — 1:1 PHASE

11KVA - 20KVA — 3:1 PHASE

ONLINE UPS





Control Panel

Introduction

HE series Online UPS, adopt double conversion design and with in-built isolation transformer which can ensure a better output electrical performance and meet the requirements of equipment. LCD+LED visible interface and flexible operation also enhance customer satisfaction.

Application Area



Data Center



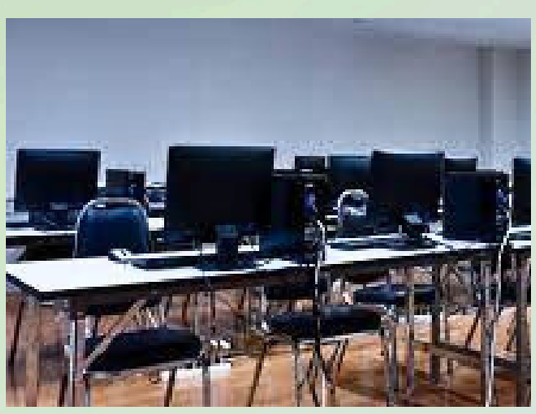
Industrial Machines



Self-Service System



Communication Server



Education System

Features

- True online double conversion design
- PWM Technology
- Pure Sine Wave Output with THD < 3%
- IGBT Based
- Large input operating range, eliminates unnecessary battery discharge
- UPS startup without battery
- Multi-functional LCD/LED display
- In-built Galvanic Isolation
- Simple and User friendly operation
- Advanced Battery Management
- Automatic Battery Charge in UPS Off Mode
- Static Bypass and Cold Start
- EMI/RFI and Noise Filter
- Generator and Solar Compatible
- Auto-restart Function
- Extended backup time suitable charger
- Emergency power off function (Optional)

MAKE IN INDIA CE CERTIFIED ISO 9001 GUARANTEE RoHS

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IN-BUILT ISOLATION



Technical Parameters

Smart,Sustainable UPS Solution- Ideal for Eco-Conscious Office & Industries

Capacity : 6KVA-10KVA
Model : HE6K11, HE10K11

Single Phase input : Single Phase output

Input

Voltage: 160-280 vac
Frequency: 50-60 Hz +/-5%
Input Phase:Single phase with ground

Output

Voltage : 230 vac
Frequency: ±0.05%, Battery mode
Power Factor : 0.8
Crest Factor : 3:1
Voltage Regulation: ±1%
Output Waveform : Pure Sinewave
Overload Capacity: When load reaches 110-150% of rating, transfer to bypass after 30s
Transfer Time : 0ms(utility to battery)

Display

LCD+LED : Load/battery/input/output/operating mode
Protection Function: Over temperature, Fan fault, Low voltage indication, overload and so on
Communication : Standard:RS232 optional:USB,Dry contact,SNMP card , Relay card, Modbus
Standard: IEC/EN62040-1,62040-2, 62040-3, Complying to CE, BIS

Battery

Quantity(12v DC): 12/14/16can be set as per requirement
Charge model : Float
Charging voltage : 219.2/ -1%
Charging current : 6A, 12A (Optional)

Environment

Operating temperature: Operating :0-45 degree, Storage: -25 degree-55 degree
Relative humidity: 0-95% Non condersing
Altitude: <1500m. when>1500m,derating
Noise Level : Low audible noise level

Weight

Net weight : 25kg, 45kg
Dimension (D×W×H)mm : 580×230×720

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IN-BUILT ISOLATION



Technical Parameters

Smart,Sustainable UPS Solution- Ideal for Eco-Conscious Office & Industries

Capacity : 10KVA
Model : HE10K31

Three Phase input : Single Phase output

Input

Voltage:380-400 vac
Frequency: 50-60 Hz +/-5%
Input Phase:Single phase with ground

Output

Voltage : 230 vac
Frequency: ±0.05%, Battery mode
Power Factor : 0.8
Crest Factor : 3:1
Voltage Regulation: ±1%
Output Waveform : Pure Sinewave
Overload Capacity: When load reaches 110-150% of rating, transfer to bypass after 30s
Transfer Time : 0ms(utility to battery)

Display

LCD+LED : Load/battery/input/output/operating mode
Protection Function: Over temperature, Fan fault, Low voltage indication, overload and so on
Communication : Standard:RS232 optional:USB,Dry contact,SNMP card , Relay card, Modbus
Standard: IEC/EN62040-1,62040-2, 62040-3, Complying to CE, BIS

Battery

Quantity(12v DC): 12/14/16can be set as per requirement
Charge model : Float
Charging voltage : 219.2/ -1%
Charging current : 6A, 12A (Optional)

Environment

Operating temperature: Operating :0-45 degree, Storage: -25 degree-55 degree
Relative humidity: 0-95% Non condersing
Altitude: <1500m. when>1500m,derating
Noise Level : Low audible noise level

Weight

Net weight : 45kg
Dimension (D×W×H)mm : 580×230×720

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Technical Parameters

Smart,Sustainable UPS Solution- Ideal for Eco-Conscious Office & Industries

Capacity : 15KVA
Model : HE15K31

Three Phase input : Single Phase output

Input

Voltage: 380-400 vac
Frequency: 50-60 Hz +/-5%
Input Phase: 3PH+N+PE

Output

Voltage : 230 vac
Frequency: ±0.05%, Battery mode
Power Factor : 0.85-0.95
Crest Factor : 3:1
Voltage Regulation: ±1%
Output Waveform : Pure Sinewave
Overload Capacity: When load reaches 110-150% of rating, transfer to bypass after 30s
Transfer Time : 0ms(utility to battery)

Display

LCD+LED : Load/battery/input/output/operating mode
Protection Function: Over temperature, Fan fault, Low voltage indication, overload and so on
Communication : Standard:RS232 optional:USB,Dry contact,SNMP card , Relay card, Modbus
Standard: IEC/EN62040-1,62040-2, 62040-3, Complying to CE, BIS

Battery

Quantity(12v DC): 12/14/16can be set as per requirement
Charge model : Float
Charging voltage : 219.2/ -1%
Charging current : 6A, 12A (Optional)

Environment

Operating temperature: Operating :0-45 degree, Storage: -25 degree-55 degree
Relative humidity: 0-95% Non condersing
Altitude: <1500m. when>1500m,derating
Noise Level : Low audible noise level

Weight

Net weight : 57kg
Dimension (D×W×H)mm : 590×310×870

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Technical Parameters

Smart,Sustainable UPS Solution- Ideal for Eco-Conscious Office & Industries

Capacity : 20KVA
Model : HE20K31

Three Phase input : Single Phase output

Input

Voltage: 380-400 vac
Frequency: 50-60 Hz +/-5%
Input Phase: 3PH+N+PE

Output

Voltage : 230 vac
Frequency: ±0.05%, Battery mode
Power Factor : 0.85-0.95
Crest Factor : 3:1
Voltage Regulation: ±1%
Output Waveform : Pure Sinewave
Overload Capacity: When load reaches 110-150% of rating, transfer to bypass after 30s
Transfer Time : 0ms(utility to battery)

Display

LCD+LED : Load/battery/input/output/operating mode
Protection Function: Over temperature, Fan fault, Low voltage indication, overload and so on
Communication : Standard:RS232 optional:USB,Dry contact,SNMP card , Relay card, Modbus
Standard: IEC/EN62040-1,62040-2, 62040-3, Complying to CE, BIS

Battery

Quantity(12v DC): 12/14/16can be set as per requirement
Charge model : Float
Charging voltage : 219.2/ -1%
Charging current : 6A, 12A (Optional)

Environment

Operating temperature: Operating :0-45 degree, Storage: -25 degree-55 degree
Relative humidity: 0-95% Non condersing
Altitude: <1500m. when>1500m,derating
Noise Level : Low audible noise level

Weight

Net weight : 69kg
Dimension (D×W×H)mm : 590×310×870

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Technical Parameters

Smart,Sustainable UPS Solution- Ideal for Eco-Conscious Office & Industries

Capacity : 30KVA
Model : HE30K31

Three Phase input : Single Phase output

Input

Voltage: 380-400 vac
Frequency: 50-60 Hz +/-5%
Input Phase: 3PH+N+PE

Output

Voltage : 230 vac
Frequency: ±0.05%, Battery mode
Power Factor : 0.85-0.95
Crest Factor : 3:1
Voltage Regulation: ±1%
Output Waveform : Pure Sinewave
Overload Capacity: When load reaches 110-150% of rating, transfer to bypass after 30s
Transfer Time : 0ms(utility to battery)

Display

LCD+LED : Load/battery/input/output/operating mode
Protection Function: Over temperature, Fan fault, Low voltage indication, overload and so on
Communication : Standard:RS232 optional:USB,Dry contact,SNMP card , Relay card, Modbus
Standard: IEC/EN62040-1,62040-2, 62040-3, Complying to CE, BIS

Battery

Quantity(12v DC): 12/14/16/18/20 can be set as per requirement
Charge model : Float
Charging voltage : 274+/ -1%
Charging current : 6A, 12A (Optional)

Environment

Operating temperature: Operating :0-45 degree, Storage: -25 degree-55 degree
Relative humidity: 0-95% Non condersing
Altitude: <1500m. when>1500m,derating
Noise Level : Low audible noise level

Weight

Net weight : 85kg
Dimension (D×W×H)mm : 830×430×1105