HE SERIES

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IN-BUILT ISOLATION

10 KVA - 400 KVA 3:3 PHASE

ONLINE UPS



Introduction

HY 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

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 Compatible
- Auto-restart Function
- Dual Input
- Emergency power off function option
- Parallel option upto 6 unit

MAKE IN INDIA CE CERTIFIED ISO 9001 GUARANTEE RoHS

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Technical Parameters

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

Capacity : 10 KVA
Model : HE10K33

Three Phase input : Three Phase output

Input

Voltage:300-480 vac
Frequency: 50-65 Hz Auto sensing
Input Phase: 3PH+N+PE

Output

Voltage : 300-480 vac
Frequency: ±0.05%, synchronized with utility on DC mode
Power Factor : 0.8
Crest Factor : 3:1
Output Waveform : Pure Sinewave
Overload Capacity: 105%-110%,60min-110%-125%10min-125%-150%1min
Transfer Time : 0ms(utility to battery),0ms(utility to bypass)

Display

LCD+LED : Load/battery/input/output/operating mode
Protection Function: Over temprature, Fan fault Low voltage indication,over load and so on
Communication : Standard:RS232 optional:USB,Dry contact,SNMP card , Relay card, Modbus

Battery

Quantity(12v DC): 30/32/34/36/38/40 can be set as per requirement
Charge model : Float
Charging voltage : Depends upon no.of battery
Charging current : 9.1A

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 : 50kg
Dimension (D×W×H)mm : 650×350×1050

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Technical Parameters

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

Capacity : 20 KVA
Model : HE20K33

Three Phase input : Three Phase output

Input

Voltage:300-480 vac
Frequency: 50-65 Hz Auto sensing
Input Phase: 3PH+N+PE

Output

Voltage : 300-480 vac
Frequency: ±0.05%, synchronized with utility on DC mode
Power Factor : 0.8
Crest Factor : 3:1
Output Waveform : Pure Sinewave
Overload Capacity: 105%-110%,60min-110%-125%10min-125%-150%1min
Transfer Time : 0ms(utility to battery),0ms(utility to bypass)

Display

LCD+LED : Load/battery/input/output/operating mode
Protection Function: Over temprature, Fan fault Low voltage indication,over load and so on
Communication : Standard:RS232 optional:USB,Dry contact,SNMP card , Relay card, Modbus

Battery

Quantity(12v DC): 30/32/34/36/38/40 can be set as per requirement
Charge model : Float
Charging voltage : Depends upon no.of battery
Charging current : 18.2A

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 : 650×350×1050

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Technical Parameters

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

Capacity : 30 KVA
Model : HE30K33

Three Phase input : Three Phase output

Input

Voltage:300-480 vac
Frequency: 50-65 Hz Auto sensing
Input Phase: 3PH+N+PE

Output

Voltage : 300-480 vac
Frequency: ±0.05%, synchronized with utility on DC mode
Power Factor : 0.8
Crest Factor : 3:1
Output Waveform : Pure Sinewave
Overload Capacity: 105%-110%,60min-110%-125%10min-125%-150%1min
Transfer Time : 0ms(utility to battery),0ms(utility to bypass)

Display

LCD+LED : Load/battery/input/output/operating mode
Protection Function: Over temprature, Fan fault Low voltage indication,over load
and so on
Communication : Standard:RS232 optional:USB,Dry contact,SNMP card , Relay card, Modbus

Battery

Quantity(12v DC): 30/32/34/36/38/40 can be set as per requirement
Charge model : Float
Charging voltage : Depends upon no.of battery
Charging current : 27.3A

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 : 650×350×1050

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Technical Parameters

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

Capacity : 40 KVA
Model : HE40K33

Three Phase input : Three Phase output

Input

Voltage:300-480 vac
Frequency: 50-65 Hz Auto sensing
Input Phase: 3PH+N+PE

Output

Voltage : 300-480 vac
Frequency: ±0.05%, synchronized with utility on DC mode
Power Factor : 0.8
Crest Factor : 3:1
Output Waveform : Pure Sinewave
Overload Capacity: 105%-110%,60min-110%-125%10min-125%-150%1min
Transfer Time : 0ms(utility to battery),0ms(utility to bypass)

Display

LCD+LED : Load/battery/input/output/operating mode
Protection Function: Over temprature, Fan fault Low voltage indication,over load and so on
Communication : Standard:RS232 optional:USB,Dry contact,SNMP card , Relay card, Modbus

Battery

Quantity(12v DC): 30/32/34/36/38/40 can be set as per requirement
Charge model : Float
Charging voltage : Depends upon no.of battery
Charging current : 36.4A

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 : 95kg
Dimension (D×W×H)mm : 830×430×1100

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Technical Parameters

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

Capacity : 60 KVA
Model : HE60K33

Three Phase input : Three Phase output

Input

Voltage:300-480 vac
Frequency: 50-65 Hz Auto sensing
Input Phase: 3PH+N+PE

Output

Voltage : 300-480 vac
Frequency: ±0.05%, synchronized with utility on DC mode
Power Factor : 0.8
Crest Factor : 3:1
Output Waveform : Pure Sinewave
Overload Capacity: 105%-110%,60min-110%-125%10min-125%-150%1min
Transfer Time : 0ms(utility to battery),0ms(utility to bypass)

Display

LCD+LED : Load/battery/input/output/operating mode
Protection Function: Over temprature, Fan fault Low voltage indication,over load and so on
Communication : Standard:RS232 optional:USB,Dry contact,SNMP card , Relay card, Modbus

Battery

Quantity(12v DC): 30/32/34/36/38/40 can be set as per requirement
Charge model : Float
Charging voltage : Depends upon no.of battery
Charging current : 54.6A

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 : 115kg
Dimension (D×W×H)mm : 830×430×1100

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Technical Parameters

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

Capacity : 80 KVA
Model : HE80K33

Three Phase input : Three Phase output

Input

Voltage:300-480 vac
Frequency: 50-65 Hz Auto sensing
Input Phase: 3PH+N+PE

Output

Voltage : 300-480 vac
Frequency: ±0.05%, synchronized with utility on DC mode
Power Factor : 0.8
Crest Factor : 3:1
Output Waveform : Pure Sinewave
Overload Capacity: 105%-110%,60min-110%-125%10min-125%-150%1min
Transfer Time : 0ms(utility to battery),0ms(utility to bypass)

Display

LCD+LED : Load/battery/input/output/operating mode
Protection Function: Over temprature, Fan fault Low voltage indication,over load
and so on
Communication : Standard:RS232 optional:USB,Dry contact,SNMP card , Relay card, Modbus

Battery

Quantity(12v DC): 30/32/34/36/38/40 can be set as per requirement
Charge model : Float
Charging voltage : Depends upon no.of battery
Charging current : 72.8A

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 : 125kg
Dimension (D×W×H)mm : 690×720×1400

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Technical Parameters

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

Capacity : 100 KVA
Model : HE100K33

Three Phase input : Three Phase output

Input

Voltage:300-480 vac
Frequency: 50-65 Hz Auto sensing
Input Phase: 3PH+N+PE

Output

Voltage : 300-480 vac
Frequency: ±0.05%, synchronized with utility on DC mode
Power Factor : 0.8
Crest Factor : 3:1
Output Waveform : Pure Sinewave
Overload Capacity: 105%-110%,60min-110%-125%10min-125%-150%1min
Transfer Time : 0ms(utility to battery),0ms(utility to bypass)

Display

LCD+LED : Load/battery/input/output/operating mode
Protection Function: Over temprature, Fan fault Low voltage indication,over load and so on
Communication : Standard:RS232 optional:USB,Dry contact,SNMP card , Relay card, Modbus

Battery

Quantity(12v DC): 30/32/34/36/38/40 can be set as per requirement
Charge model : Float
Charging voltage : Depends upon no.of battery
Charging current : 91A

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 : 135kg
Dimension (D×W×H)mm : 690×720×1400

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Technical Parameters

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

Capacity : 120 KVA
Model : HE120K33

Three Phase input : Three Phase output

Input

Voltage:300-480 vac
Frequency: 50-65 Hz Auto sensing
Input Phase: 3PH+N+PE

Output

Voltage : 300-480 vac
Frequency: ±0.05%, synchronized with utility on DC mode
Power Factor : 0.8
Crest Factor : 3:1
Output Waveform : Pure Sinewave
Overload Capacity: 105%-110%,60min-110%-125%10min-125%-150%1min
Transfer Time : 0ms(utility to battery),0ms(utility to bypass)

Display

LCD+LED : Load/battery/input/output/operating mode
Protection Function: Over temprature, Fan fault Low voltage indication,over load
and so on
Communication : Standard:RS232 optional:USB,Dry contact,SNMP card , Relay card, Modbus

Battery

Quantity(12v DC): 30/32/34/36/38/40 can be set as per requirement
Charge model : Float
Charging voltage : Depends upon no.of battery
Charging current : 109A

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 : 158kg
Dimension (D×W×H)mm : 790×890×1600

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Technical Parameters

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

Capacity : 160 KVA
Model : HE160K33

Three Phase input : Three Phase output

Input

Voltage:300-480 vac
Frequency: 50-65 Hz Auto sensing
Input Phase: 3PH+N+PE

Output

Voltage : 300-480 vac
Frequency: ±0.05%, synchronized with utility on DC mode
Power Factor : 0.8
Crest Factor : 3:1
Output Waveform : Pure Sinewave
Overload Capacity: 105%-110%,60min-110%-125%10min-125%-150%1min
Transfer Time : 0ms(utility to battery),0ms(utility to bypass)

Display

LCD+LED : Load/battery/input/output/operating mode
Protection Function: Over temprature, Fan fault Low voltage indication,over load and so on
Communication : Standard:RS232 optional:USB,Dry contact,SNMP card , Relay card, Modbus

Battery

Quantity(12v DC): 30/32/34/36/38/40 can be set as per requirement
Charge model : Float
Charging voltage : Depends upon no.of battery
Charging current : 145.6A

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 : 189kg
Dimension (D×W×H)mm : 790×890×1600

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Technical Parameters

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

Capacity : 200 KVA
Model : HE200K33

Three Phase input : Three Phase output

Input

Voltage:300-480 vac
Frequency: 50-65 Hz Auto sensing
Input Phase: 3PH+N+PE

Output

Voltage : 300-480 vac
Frequency: ±0.05%, synchronized with utility on DC mode
Power Factor : 0.9
Crest Factor : 3:1
Output Waveform : Pure Sinewave
Overload Capacity: 105%-110%,60min-110%-125%10min-125%-150%1min
Transfer Time : 0ms(utility to battery),0ms(utility to bypass)

Display

LCD+LED : Load/battery/input/output/operating mode
Protection Function: Over temprature, Fan fault Low voltage indication,over load and so on
Communication : Standard:RS232 optional:USB,Dry contact,SNMP card , Relay card, Modbus

Battery

Quantity(12v DC): 30/32/34/36/38/40 can be set as per requirement
Charge model : Float
Charging voltage : Depends upon no.of battery
Charging current : 150A

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 : 220kg
Dimension (D×W×H)mm : 790×1200×1600

Dimension (D×W×H)mm : 790×1200×1600

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Technical Parameters

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

Capacity : 300 KVA
Model : HE300K33

Three Phase input : Three Phase output

Input

Voltage:300-480 vac
Frequency: 50-65 Hz Auto sensing
Input Phase: 3PH+N+PE

Output

Voltage : 300-480 vac
Frequency: ±0.05%, synchronized with utility on DC mode
Power Factor : 0.9
Crest Factor : 3:1
Output Waveform : Pure Sinewave
Overload Capacity: 105%-110%,60min-110%-125%10min-125%-150%1min
Transfer Time : 0ms(utility to battery),0ms(utility to bypass)

Display

LCD+LED : Load/battery/input/output/operating mode
Protection Function: Over temprature, Fan fault Low voltage indication,over load and so on
Communication : Standard:RS232 optional:USB,Dry contact,SNMP card , Relay card, Modbus

Battery

Quantity(12v DC): 30/32/34/36/38/40 can be set as per requirement
Charge model : Float
Charging voltage : Depends upon no.of battery
Charging current : 150A

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 : 250kg
Dimension (D×W×H)mm : 1000×1200×1600

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Technical Parameters

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

Capacity : 400 KVA
Model : HE400K33

Three Phase input : Three Phase output

Input

Voltage:300-480 vac
Frequency: 50-65 Hz Auto sensing
Input Phase: 3PH+N+PE

Output

Voltage : 300-480 vac
Frequency: ±0.05%, synchronized with utility on DC mode
Power Factor : 0.9
Crest Factor : 3:1
Output Waveform : Pure Sinewave
Overload Capacity: 105%-110%,60min-110%-125%10min-125%-150%1min
Transfer Time : 0ms(utility to battery),0ms(utility to bypass)

Display

LCD+LED : Load/battery/input/output/operating mode
Protection Function: Over temprature, Fan fault Low voltage indication,over load and so on
Communication : Standard:RS232 optional:USB,Dry contact,SNMP card , Relay card, Modbus

Battery

Quantity(12v DC): 30/32/34/36/38/40 can be set as per requirement
Charge model : Float
Charging voltage : Depends upon no.of battery
Charging current : 150A

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 : 282kg
Dimension (D×W×H)mm : 1000×1200×1600