

HP i33

10 - 30 kVA
3 Phase UPS Systems



HP i 33 UPS is designed with DSP controller & latest generation components to support IT, ITEs, BFSI and Telecom loads.

HP i 33 offer maximum availability and power quality solution in compact foot print as an ideal budgetary solution for our customers.

FEATURES

1. Compact Footprint:

Reduces real estate cost Compact foot print from 10-30kVA

2. Load Power Factor:

More active power to load UPS design power factor with 0.9

3. Isolation Transformer Option:

Generating stable neutral Isolation for neutral disturbances and with minimum foot print.

4. Long Backup Charger:

Faster charging for higher AH batteries Charger can handle the large capacity batteries for long backup option as standard feature.

5. Operating Voltage Range

Less battery usage and extends its life UPS designed with wide input voltage range ensures the UPS is always in mains mode.

6. Input Power Quality

Clean power to the grid Advanced APFC helps to reduce the THDi <5% & Power factor >0.99 at rated load

7. Battery:

Optimise capex and opex Flexibility in battery configuration helps to optimize the battery usage. Option to choose the battery from $\pm 96V$ to $\pm 120V$

APPLICATIONS



TELECOMMUNICATION



NETWORKING



IT



TECH ROOM



e - BUSINESS



EDUCATION

TECHNICAL SPECIFICATIONS

CAPACITY	10kVA	15kVA	20kVA	30kVA
Technology	True on-line Double Conversion (VFI - SS -III)			
INPUT				
Nominal Voltage	380/400/415Vac 3Ph+N+PE			
Operating Voltage Range	323 - 478Vac			
Operating Frequency Range	45 - 55 Hz			
Power Factor	≥ 0.99			
Bypass Frequency Range	± 10%			
Harmonic distortion (THDi)	≤ 5% at rated load			
OUTPUT				
Output Voltage	380/400/415Vac 3Ph+N+PE			
Power Factor	0.9			
Voltage Regulation	± 1% (Balanced load)			
Frequency (Online Mode)	± 10% (With Sync mode & adjustable)			
Frequency (Battery Mode)	± 0.1Hz			
Harmonic Distortion (THDv)	≤ 2% with Linear load		≤ 5% with non - Linear load	
Isolation Transformer	Inbuilt as option @ Input			
Crest Factor	3 : 1			
Cold Start	Available			
Overload	≤ 110% for 60min	≤ 125% for 10min	≤ 150% for 60sec	
Efficiency	94%			
BATTERY				
Battery Voltage	16 / 18 / 20nos			
Battery Type	VRLA - AGM maintenance-free			
COMMUNICATION				
Standard	LCD display, LED indication, RS232 port, RS485 port, Dry contact			
Optional	SNMP card , Relay card, BMS card			
ENVIRONMENT				
Operating Temperature	0°C - 40°C			
Relative Humidity Range	0-95% (non-condensing)			
Noise Level	< 70dB			
MECHANICAL (without Isolation Transformer)				
W X D X H (in mm)	350 x 600 x 800			
Weight in kg	65			

ADDRESS

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