

HP i 33

10 - 40 kVA
3 Phase UPS Systems



HP i 33 UPS is designed with DSP controller & latest generation components to support IT, 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 - 40 kVA.

2. Load Power Factor:

More active power to load UPS, design PF with 0.9 for 10 - 30 kVA & unity for 40 kVA.

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 ± 96 V to ± 120 V for 10 - 30 kVA & ± 192 V to ± 240 V for 40 kVA.

8. Dust Filter:

The standard feature in the product helps to filter the fine particles from entering the PCBs/electronics, thus improving product reliability.



TECHNICAL SPECIFICATIONS

CAPACITY	10 kVA	15 kVA	20 kVA	30 kVA	40 kVA
Technology	True on-line double conversion (VFI - SS - III)				
INPUT					
Nominal Voltage	380/400/415 Vac 3Ph+N+PE				
Operating Voltage Range	320 - 480 V				
Operating Frequency Range	45 - 55 Hz				
Power Factor	≥ 0.99				
Bypass Frequency Range	± 10%				
Harmonic distortion (THDi)	≤ 5% at rated load				
OUTPUT					
Output Voltage	380/400/415 Vac 3Ph+N+PE				
Power Factor	0.9				Unity
Voltage Regulation	± 1% (balanced load)				
Frequency (Online Mode)	± 10% (with sync mode & adjustable)				
Frequency (Battery Mode)	± 0.1 Hz				
Harmonic Distortion (THDv)	≤ 2% with linear load and ≤ 5% with non - linear load				
Isolation Transformer (Optional)	In-built				External
Crest Factor	3 : 1				
Cold Start	Available				
Overload	≤ 110% for 60 min, ≤ 125% for 10 min, ≤ 150% for 60 sec				
Efficiency	up to 93%				up to 94%
BATTERY					
Battery Voltage	± 96 to ± 120				± 192 to ± 240
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	< 70 dB				
MECHANICAL (without Isolation Transformer)					
W x D x H (in mm)	350 x 765 x 800				320 x 845 x 870
Weight (in Kg.)	57	64	71	110	

APPLICATIONS



TELECOMMUNICATION



NETWORKING



IT



TECH ROOM



e - BUSINESS



EDUCATION

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