



Power on your side



Uninterrupted Power Solution for Small offices, Retails and for Critical equipments

LNux 110

3 to 6 kVA UPS

Single Phase Input - Single Phase Output

- ⌘ Double conversion online UPS
- ⌘ Active input Power Factor control
- ⌘ Network connectivity
- ⌘ Advanced battery management
- ⌘ In-built isolation transformer
- ⌘ Compact size, Dynamic performance
- ⌘ Compliance to International standards



LNux 110

FEATURES

A Synthesis of the Best Technologies

- True Online Double Conversion design
- Perfected & proven design to work in extreme power conditions
- High efficiency, Low running cost (24 x 7 operation)

Power Friendly

- State-of-the-Art PWM rectifier with inbuilt APFC
- Near unity power factor
- Controlled input harmonic level
- Wide input Voltage window

Robust Charger, Longer Backups

- Robust battery charger to charge the batteries quickly for longer backup duration
- Advance battery management

Superior Output Power Quality

- Dual Microprocessor controlled, IGBT based Inverter, a synthesis of best technologies
- Low distortion on full non-linear loads
- Superior static & dynamic regulation

High Reliability

- Designed & Manufactured in accordance with ISO 9001 : 2000
- Complied with testing standard IEC 62040 Part III

Easy Maintenance

- Automatic bypass
- Hot swappable batteries

Advanced Communication Interface

- Flexibility at an interface level
- UPSMON II* software solution for Data, Event monitoring
- Auto shut down from remote places
- SNMP compliant*
- BMS compliant*
- Ease of operation
- Easy to install
- User friendly digital display

Well Protected Load

- Protected against abnormal input conditions
- Against short circuit, overload, over / under Voltage

Compliance to International standards

- Complied to International standards on EMC / EMI

* (optional)

User friendly display

Displays necessary information of UPS,

- Input Voltage,
- Heat sink temp,
- DC / Battery Voltage,
- Output Voltage,
- Output Frequency
- Output current

Indicates and annunciates eight different alarm conditions like;

- Input under Voltage,
- Output overload,
- Battery low etc.

The LED indications on the fascia provides UPS status at a glance.



SPECIFICATIONS

Model	LNux 110
Rating (in kVA)	3, 5, 6 kVA
Input Voltage	230 V (-30% to +20%) 1 Ph & N
Input Power Factor	Near Unity
Battery Voltage	192 V DC
Output Power	3 kVA / 2.4 kW, 5 kVA / 4 kW, 6 kVA / 4.2 kW
Output Voltage	230 V ($\pm 1\%$) 1 Ph & N
Output Frequency	50 Hz nominal (± 0.25 Hz in free running mode)
Total Harmonic Distortion	< 3% on linear load, < 5% on non-linear load (Ref. IEC 62040 Part III)
Overall Efficiency	upto 90%
Transient Response	Complies to IEC 62040 Part III Class 1
Overload Capacity	125% for 10 minutes ; 150% for 60 sec (Inverse time characteristics)
Acoustic Noise Level	< 50 dbA @ 1 m
Communications Interface	RS 232
Automatic Bypass	Integrated
Cooling	Forced air
Ambient Temp	0 to 40°C
Relative Humidity	Upto 90% Rh, Non condensing
Panel Dimensions (in mm)	3 kVA 225 x 550 x 600
(W x D x H)	5 & 6 kVA 225 x 700 x 600

DB POWER ELECTRONICS (P) LTD.

120/37, Ramtekdi Industrial Area,
Hadapsar, Pune 411 013. INDIA
Tel +91 20 26808050 - 60 Fax 26808061
Email dbmkt@dbups.co.in www.dbups.com



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