



**Industrial
power level
UPS 10-120KVA**

System configuration

Main of electric UPS: The system is designed for the oil, petrochemical, mining, steel, power and other industries to design high-quality intelligent power distribution system, in order to meet the high quality and reliability of the system for power supply.

Bypass isolation voltage regulator (for selection): isolation transformer, voltage stabilizing regulator, control instrumentation and so on.

Power distribution cabinet: according to the requirements of the design institute.

Key Feature

- High reliability: adopting digital control technology and perfect protection circuit
- Perfect protection function: overload, over temperature, output short circuit, voltage instability will make the system automatically shut down
- Overload ability, strong anti-interference ability
- Extra wide input range, which can be applied to harsh grid conditions and generators
- AC input, output, bypass are all isolated and strong anti-interference ability
- Human nature of network management

Specification

Model #	DL3B10K	DL3B20K	DL3B30K	DL3B40K	DL3B60K	DL3B80K	DL3B100K	DL3B120K
Capacity	10kVA/8kw	20kVA/16kw	30kVA/24kw	40kVA/32kw	60kVA/48kw	80kVA/64kw	100kVA/80kw	120kVA/96kw
Voltage input (Vac)	Three-phase three-wire+ground wire 380Vac ± 20%							
Frequency input (HZ)	50Hz ± 5%							
Current input harmonics	THD(I) ≤ 20%				THD(I) = 8% ± 10%			
Rectifying way	6 pulse uncontrolled rectifier				12 pulse controlled rectifier			
Power factor	0.8 (lag)							
Output voltage (Vac)	220-240Vac							
Waveform	SPWM sine wave							
Frequency tracking range	Range 50Hz ± 5%							
Frequency tracking rate	Rate 1Hz/s							
Output voltage accuracy	± 1%							
Frequency output	50Hz ± 0.5							
Waveform	Linear Load THD < 2%; Non-linear Load THD < 3.5%							
DC voltage	220Vdc							
Mains mode ↔ battery mode	0ms							
Inverter mode ↔ bypass mode	0ms							
Inverter efficiency	0ms							
Crest factor	≥ 3:1							
Current unbalance under parallel mode	≤ 5%							
Overload	125% load keep 10min, 150% load keep 1min							
Dynamic voltage drop range	≤ 3.5%							
Recovery time	≤ 40ms							
Temperature and humidity	0-40°C/20-95%							
Altitude	< 1000M (elevation of each increase in ups, 100m output decreased by 1%) Max 4000m							
Noise (dB)	≤ 58db (1m)							
Communication function	RS232/RS485							
Dry contact	8							
Protection	Input over-voltage protection, battery under-voltage protection, overload protection, short circuit protection, over temperature protection (optional)							
Size (D × W × H) (mm)	800*800*1800				1100*800*1800			
Weight (KG)	330	450	560	690	950	1200	1500	1850

Note:

1、“L” is long backup UPS, “S” is standard UPS;

2、Because the products are continuously improved, please contact the company or dealer to inquiry the latest specification.