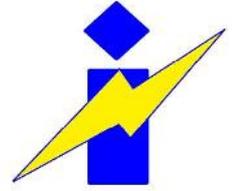


Outdoor electricity online UPS

interberg batteries



OUE UPS (10KVA-100KVA)

Power Availability



Ed.03 - 20180319

Reliability, Availability, Scalability, Redundancy,

User-friendliness and Maintainability,

whichever value you need,



ISO 9001:08 -- ISO 14001:04
OHSAS 18001:07
Certificate No.: 09-QEO-01427-TIC



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YOUR POWER QUALITY PARTNER

OUE series high-power outdoor electricity online ups is designed for outdoor electrical environments. The ups can be installed at outdoors directly without extra construction room, greatly reduce customers' investment, saving limited indoor space as well as for some special environment (such as tunnels, wells, mines, ect, which provide reliable power for load equipments.

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Major Applications

- Information Technology
 - Data Centers
 - Servers (LAN, WAN, MAN, ERP, e-mail, web and others)
 - Networking
- Telecommunication
 - Mobile (2G, 2.5G, 3G)
 - Paging
 - Fixed (including WLL)
- Industrial Automation
 - Process (including instrumentation)
 - Motion (digital drives & robotics) and motor loads
- Transport Automation
 - Airport automation and flight booking
 - Others including railways & road transport automation & ticket booking
- Banking, Insurance and Financial Services
- Software Development Houses / Software Technology Parks (STP)
- Building Automation
 - Access Control
 - Security System
 - Fire Alarm System
 - Emergency Lighting
 - Other Critical Applications
- Medical Diagnostics
 - Magneto Resonant Imaging
 - CT Scanning
 - CathLab
- Satellite
 - Uplinking
 - Earth Stations



Advantage and Features

- Double-conversion online design, the system is stable and reliable.
 - Wide input voltage and frequency range, Match harsh grid environment;
 - Strong output overload and short circuit capacity to ensure the stability of the system and system security under limit state;
 - Easy installation - no need extra construction room for equipment;
 - The system cabinet protection class:IP55;
 - Indoor air conditioner;
 - Modular design for easy installation and maintenance;
 - Mute design, audible noise less than 55db, far less than 72 db of online UPS;
 - system can protect sensitive equipment away from voltage dips /Boost temporary, momentary interruption and power failure these effects, unique intelligent power grid solutions;
- Ensure that 60 seconds pure electricity power for all load, Can solve 99% of the power quality problems, In the case of low load, the discharge can extend to 180 seconds, The high reliability of static switch provides 2 to 4 milliseconds high speed and timely response, to ensure the load not be affected.

■ A new generation OUE electricity online UPS, it has higher efficiency, can support longer battery configuration and provides reliable full protection for the semiconductor manufacturing industry, cloud computing center etc. critical facilities.

■ When the Power-off time longer than the setting delay time, it will start the generator sets, OUE online UPS will coordinate with the generator sets, take load through "soft switch"and let generator sets to supply power, so that provide 100% load protection while extended power off, It does not require expensive parallel switchgear, and Generator sets are compatible with OUE online UPS capacity smaller 35% than the capacity of the units compatible with the online UPS, greatly reduce the customer's investment



WE HELP YOU GET IT RIGHT - RIGHT FROM THE START.

OUE UPS (10KVA-100KVA)

Power Availability

Specification

Model Power(kVA)	OUE 10-100KVA								
	10KVA	15KVA	20KVA	30KVA	40KVA	60KVA	80KVA	100KVA	
Capacity	8KW	12KW	16KW	24KW	32KW	48KW	64KW	80KW	
Input									
Rated voltage	400 Vac three-phase								
Voltage range	± 20%								
Frequency range	45÷65Hz								
Power factor	>0.92 with harmonic filter								
Current harmonic distortion	<5% with harmonic filter								
Soft Start	0-100% in10"								
Bypass Input									
Rated voltage	230Vac single-phase								
Permitted voltage range	±15%(selectable from ±10% to ± 25% from front panel)								
Rated frequency	50/60Hz								
Permitted frequency range	± 2%(selectable from ±1% to ± 5% from front panel)								
Standard features	BackFeed portection; split bypass line								
Batteries Voltage									
360VDC;384VDC;480VDC optional									
Type	Maintenance-free lead-acid VRLA AGM / GEL; NiCd								
Maximum recharge current(A)	0.2 X C10								
AC ripple voltage	<1%								
Inverter output									
Rated power(kVA)	10KVA	15KVA	20KVA	30KVA	40KVA	60KVA	80KVA	100KVA	
Active power(kW)	8KW	12KW	16KW	24KW	32KW	48KW	64KW	80KW	
Number of phases	1								
Rated voltage(V)	230Vac single-phase								
Regulation of the output voltage	220÷244Vac phase/neutral(from control panel)								
Crest factor(Ipeak/Irms)	3:1								
Static stability	±1%								
Dynamic stability	±5%								
Frequency	50/60Hz configurable								
Overload	110% 125% 150% of the rated current for 5h/10'/1'								
Frequency stability	±0.05% on mains failure								
System	10KVA	15KVA	20KVA	30KVA	40KVA	60KVA	80KVA	100KVA	
Remote signaling	Volt free contacts								
Remote controls	EPO and Bypass								
Communication	RS232 + remote contacts								
Operation temperature	-25°C .+65 °C								
Relative humidity	<95% non condensing								
Colour	Light grey (RAL 7035)								
Noise	54dBA at 1m	60dBA at 1m	65dBA at 1m						
Protection degree	IP55								
Efficiency Smart Mode	up to 98%								
Compliance	Safety:EN 62040-1-1(Directive 2006/95/EC); EMC:6200-2(Directive 2004/108/EC)								
Weight (KG) N.W	200	220	230	290	340	440	520	770	
Dimensions : (Wx D x H)mm	555X720X1200					800X740X1400		1070X740X1400	
Internal batteries	Yes	Yes	Yes	No	No	No	No	No	

STANDARD: Conform to GB/IEC regulation : EMC:GB7260.2/IEC62040-2 GB/17626.2~5/IEC61000-4-2~5 SAFETY:GB4943

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