

GDC A3 SERIES

**1:1
PHASE**

**1-3 KVA
ONLINE
UPS**

▶ **3 UPS LEVEL**

▶ **KVA=0,9 KW**

▶ **Efficiency 96%**



FINANCE



TELECOMMUNICATION



ENERGY



MEDICAL



GOVERNMENT

**VFI
type**



**PF=
0,9**

**plug
&play**

The new series of **UPS GDC A3** is composed by a huge range of On-Line Double Conversion models, completely digital controlled, suitable to protect different kind of loads, from servers to computers networks, from medical instruments to security and surveillance systems.

- Online UPS double conversion with output power factor 0.9
- Wide input voltage tolerance
- Manual Start by batteries
- Digital control batteries
- Cooling fans at a controlled speed
- EMI/RFI filters
- RS232 port for monitoring software
- Auto Electronics Protection
- Filter for network / fax / modem
- LCD display complete with all the informations
- Automatic battery testing
- Lightning and HF interference
- PFC technology for harmonic low input

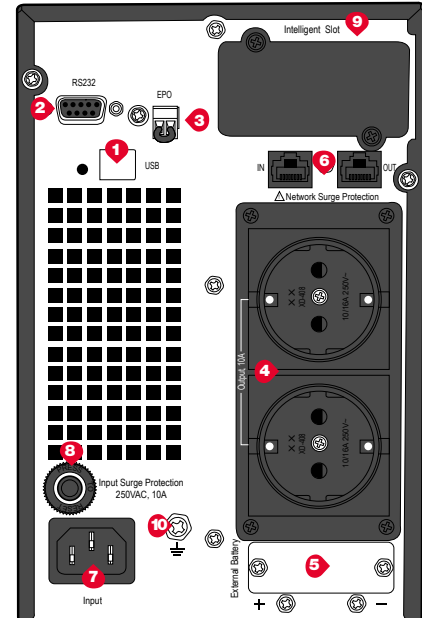
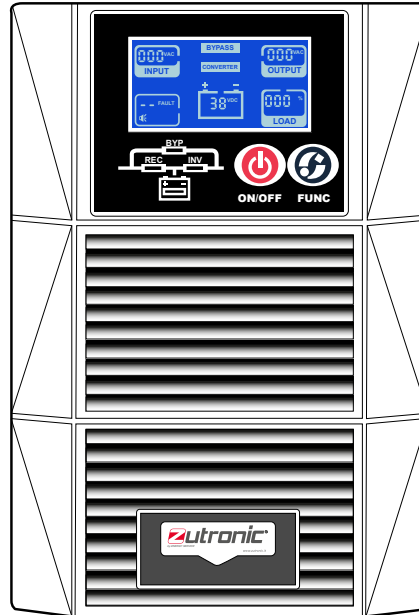
GUARANTEED PROTECTION

Thanks to the availability of additional battery chargers, the backup time of the IST3 UPS may be extended up to 4 hours. The models can be connected in active and redundant parallel configuration, without any additional hardware or modification. It is possible to interface the UPS to protected computer through software and its own serial/USB cable (standard) or to intra and internet networks through an SNMP agent (optional).

GDC A3

1 KVA

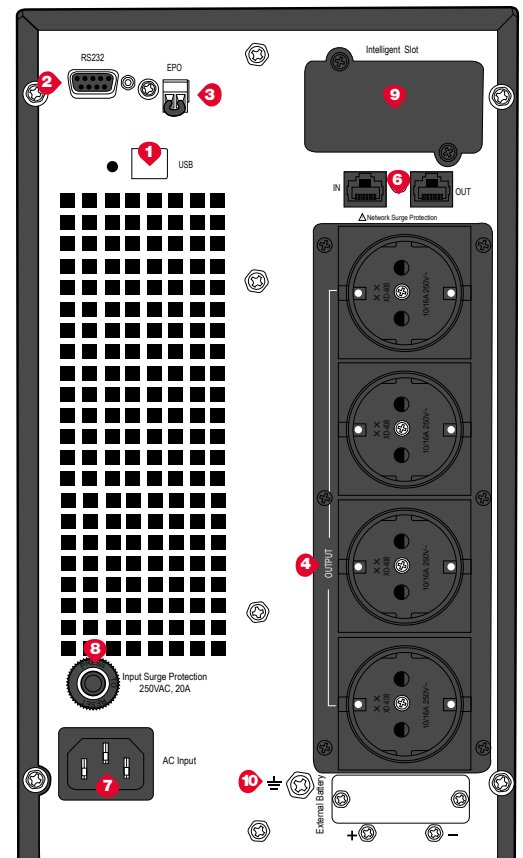
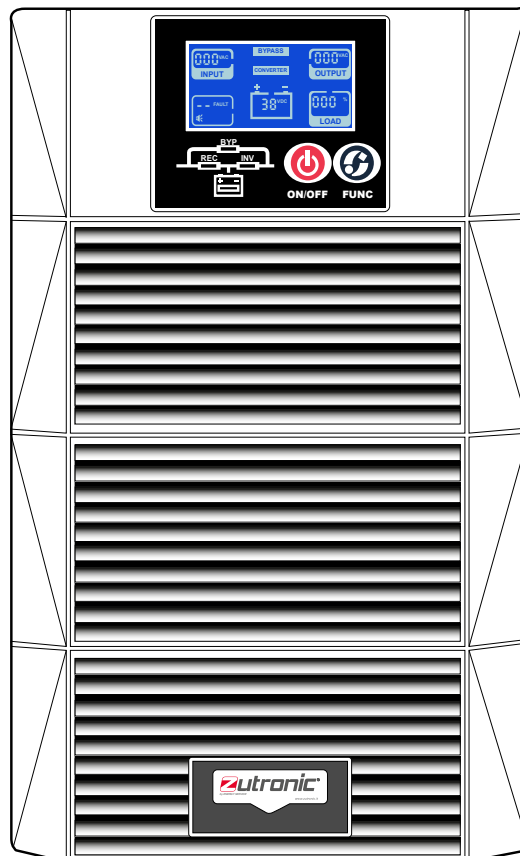
1. USB
2. RS232
3. EPO
4. Output
5. External battery slot
6. Network surge protection
7. Input
8. Input surge protection
9. Intelligent slot
10. Ground



GDC A3

3 KVA

1. USB
2. RS232
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GDCA3 1000
GDCA3 3000

INPUT

CAPACITY	1KVA/0,9KW	3KVA/2,7KW
COLD START	YES, default frequency = 50Hz or settable	
ACCEPTABLE INPUT VOLTAGE	110VAC - 288VAC	
	100% load @ > 176VAC	
	80% load @ > 154VAC	
	70% load @ > 132VAC	
	50% load @ >110VAC	
PHASE	single phase in, single phase out	
INPUT POWER FACTOR	≥0,95	
INPUT CURRENT	4,8 A	14,4 A
INPUT FREQUENCY RANGE	40-70 Hz	
FREQUENCY ADAPTABLE	YES	

OUTPUT

OUTPUT PF	0,9	
NOMINAL VOLTAGE	220/230/240 VAC	
WAVEFORM	pure sine wave (double conversion ON LINE - VFI)	
VOLTAGE REGULATION	± 1%	
THD	<1% THD, linear load	
	<3% THD, not linear load	
FREQUENCY ONLINE	± 5Hz	
FREQUENCY BATTERY MODE	± 0,1Hz	
EFFICIENCY (LINE MODE)	92%	
ECO MODE	98%	
TRANSFER TIME		
- line mode to battery	0	
- Inverter/Bypass	2ms	
CHARGER	1A	1A
OVERLOAD CAPABILITY (LINE MODE)	105%-130% with switching to bypass after 1 minute	
	131%-150% with switching to bypass after 30 second	
	From 151% immediate switching to bypass	
CREST RATIO	3:1	

BATTERY

BATTERY TYPE	sealed lead acid maintenance free battery	
BATTERY VOLTAGE VDC	36	96

DISPLAY

DISPLAY	LED+LCD	
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INTERFACE

COMMUNICATION	DB9 port/RS232, dry contact (optional), USB port (optional), SNMP (optional)	
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MECHANICAL

NOISE (dB)	< 47dB	< 50dB
IP CLASS	IP20	
COLOR	BLACK	
DIMENSIONS L*P*A (mm)	145*353*228	190*427*336
NET WEIGHTS WITH BATTERIES (Kg)	12	26
PACKED GROSS WEIGHTS (Kg)	13	27

STANDARDS

Standards European directives: L V 2014/35/EU low voltage Directive EMC 2014/30/EU electromagnetic compatibility Directive Standards: Safety IEC EN 62040-1; EMC IEC EN 62040-2; RoHS compliant Classification in accordance with IEC 62040-3 (Voltage frequency Independent) VFI - SS - 111



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ISO9001:2015

BUREAU VERITAS
Certification

