

## TAMESIS PRO Z SERIES

On-line UPS double conversion with galvanic isolation from 10 to 50 KVA



### Description



The Tamesis Pro Z series UPS are three-phase input and single-phase output systems and galvanic isolation by high performance output transformer. They have been designed to supply high-quality power on a permanent basis over a power range from 10 to 50 KVA.

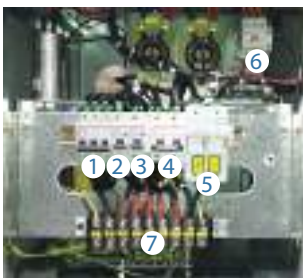
Information on the status of the system is presented locally by means of LED diode signalling and an LCD screen with a range of menus. Information on the unit can also be managed remotely through its powerful software.



Tamesis Pro Z series 20 KVA

### Features

- > UPS online double conversion
- > Three-phase input/single-phase output
- > Microprocessor digital control technology
- > Power: 10,15, 20, 30, 40, 50 KVA
- > Galvanic isolation by output transformer
- > Reduced harmonic distortion of output signal
- > Wide input voltage range
- > Protections against overloads, short-circuits & low battery voltage
- > Software included for System Monitoring
- > Extended battery options available
- > Connection ports: RS232/ RS485
- > LCD display: information about status of UPS
- > Reduced harmonic distortion
- > RFI filters
- > Manual bypass
- > SNMP card (optional)



Frontal connections  
Tamesis Pro Z 15-50 KVA

- |                      |                    |
|----------------------|--------------------|
| ① Input Switch       | ⑥ Output Contactor |
| ② Bypass Switch      | ⑦ Terminals        |
| ③ Output Switch      |                    |
| ④ Maintenance Switch |                    |
| ⑤ Battery Switch     |                    |

domestic use

network

data centers

medicine

telecommunications

security

industrial



NON - STOP POWER

GENERAL SPECIFICATIONS						
Model	Tamesis Pro  10	Tamesis Pro  15	Tamesis Pro  20	Tamesis Pro  30	Tamesis Pro  40	Tamesis Pro  50
Power KVA	10	15	20	30	40	50
GENERAL						
Technology	On-Line, double conversion with galvanic isolation					
Efficiency	>91%			>92%		
Overload	125% 1 min			105%- 10 min:150% 1 min		
INPUT						
Voltage range	304~466 Vac					
Frequency	50 Hz $\pm$ 5%					
OUTPUT						
Power (KVA/KW)	10/8	15/12	20/16	30/24	40/32	50/40
Voltage	220/230/240Vac $\pm$ 1%					
Output frequency	50Hz $\pm$ 0,5% (battery mode)					
Type of wave	Pure sinewave					
Harmonic distortion	THD <3% (linear load)					
Crest factor	3:1					
BATTERIES & BACKUP TIME						
Standard battery	Pb VRLA (lead battery with anti-leak seal), 384 VDC (192 VDC optional for 10KVA)					
Backup time	Up to many hours (depending on connected load)					
Charge time	Depending on battery					
INDICATORS						
LCD display	Operating load/ Battery status and voltage/ Input and output voltage measurement / Input and output frequency measurement/Supplied power					
Leds	Mains on/ By-pass /Inverter/ Low battery/ Overload/ UPS failure					
Acoustics	Mains failure, overload, low battery					
Control buttons	On-off / Screen forward					
COMMUNICATION						
Control software	UPSilon 2000					
Communications	Connector RS232/RS485					
Indicators	Automatic functions checking: voltage, input/output frequency, load status, battery capacity, temperature, historic events, system analysis,7 alarms type					
SNMP card (optional)	RS232 SNMP Ethernet converter					
PROTECTION						
Protections	Current limitation, overload, short-circuit & overtempertature					
Maintenance bypass	Yes					
RFI filter	Yes					
Battery discharge protection	Yes					
STANDARDS						
Marks	CE					
Directives	EN 62040-1-1:2003 / EN 50091-2:1996					
OTHERS						
Operation temperature	0-45°C					
Relative humidity	0-95% (non condensing or ice)					
Altitude without power reduction	1000 over sea level					
Acoustic level	$\leq$ 65dBA					
Dimensions WxDxH (mm)	740x560x1200					1040x560x1410
UPS Weight* (Kgs)	170	225	240	310	360	550

\* External batteries, consult weights and dimensions for other autonomies.

Specifications may be changed without notice