GALILEO
1000-3000 VA
On-line 1-phase
For networking equipment
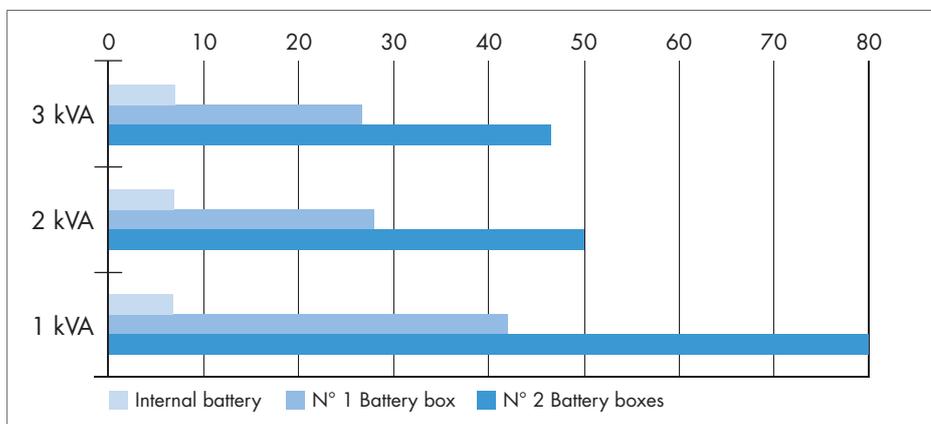## Ideal for small and medium enterprises

BORRI
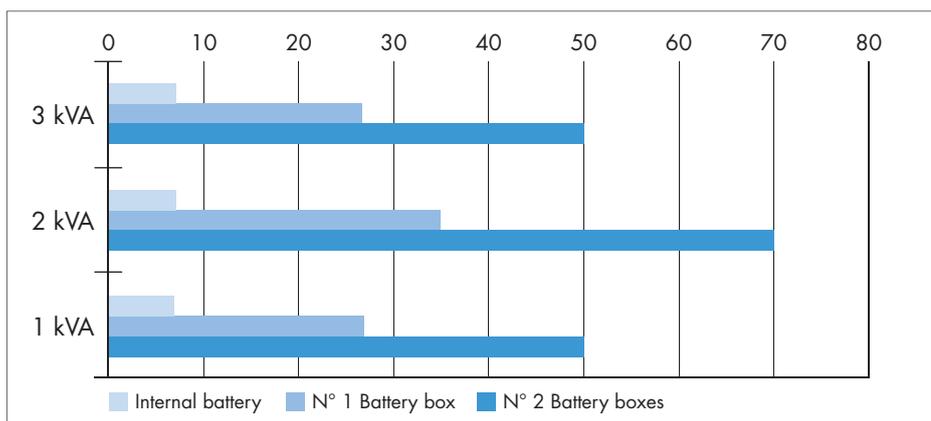

Features and benefits

- On-line double conversion UPS from 1000 to 3000 VA, Tower and 2U Rack/Tower from three to six output receptacles (IEC 320-C13) and one or two Schuko
- Rack/Tower convertible design to protect your investment when migrating from tower to rack-mount environment. Both UPS and display panel can be rotated
- Easy installation and set up, user-replaceable and upgradable battery
- Intuitive LCD display providing easy-to-read UPS status and power information
- Audible alarm alerts upon utility power and UPS status change
- Smart cooling system ensuring further energy savings
- Programmable switched outlet group for setting load priorities

- Active harmonic power quality control ensuring 0.99 input PF and THDi<3% for maximum compatibility with sources
- Automatic self test and advanced battery management maximizing battery performance and extending battery life
- Battery extension box allowing additional autonomy time to be quickly added
- Remote power off for immediate UPS shutdown in case of emergency
- USB communication port providing UPS management
- One slot auto-sensing communication cards
- Borri Power Guardian user-friendly UPS management software with alerts upon main power failures and system shutdown notification via SMS and email (for more info see p.10), free downloadable at www.borri.it/support

Main options

- SNMP card to send UPS status to BMS's by Ethernet connection and SNMP or ModBus over IP protocol to monitor UPS status by any internet browser from workstations and to receive SMS or e-mail alerts from the UPS on any portable device
- Contact relay card to send UPS status to PLC's, SCADA's or AS400's by voltage free SPDT contacts
- Additional battery charger for external battery box (for more info visit www.borri.it)

Autonomy time in minutes for Rack/Tower UPS

Internal battery   N° 1 Battery box   N° 2 Battery boxes

Autonomy time in minutes for Tower UPS

Internal battery   N° 1 Battery box   N° 2 Battery boxes

90°

GALILEO technical data

UPS Type	T *	T *	T *	RT (2U)**	RT (2U)**	RT (2U)**
Rating (VA)	**1000**	**2000**	**3000**	**1000**	**2000**	**3000**
Nominal power (W)	900	1800	2700	900	1800	2700
UPS dimensions WxDxH (mm)	144x367x236	151x444x322	189x444x322	440x390x88	440x475x88	440x600x88
UPS weight (kg)	11.2	18.8	24.9	12.0	17.0	26.5

Input

Connection type	1 IEC 320-C14					
Nominal voltage	230 Vac single phase					
Voltage range	195÷260 Vac					
Frequency and range	50/60 Hz, 45÷65 Hz					
Power factor	0.98			0.99		
Current distortion (THDi)	<3%					

Output

Connection type	3 IEC 320-C13 1 Schuko	3 IEC 320-C13 2 Schuko	6 IEC 320-C13 2 Schuko	3 IEC 320-C13	6 IEC 320-C13	
Nominal voltage	230 Vac +/-1% single phase					
Frequency	50/60 Hz					
Power factor	Any power factor up to 0.9 lagging or leading without power derating					
Overload capability	105% continuous, 106-120% for 30 seconds, 121-150% for 10 seconds, >150% immediately transfer to bypass					
Mode of operation	On-line, Eco mode					

Battery

Autonomy time internal battery (min)◆	50% load	12	13	15	12	13	15
	100% load	6	6	6	6	6	6

Connectivity and function extensions

Front panel	Display LCD, LED signaling, function keys
Communication	Included: USB, EPO Optional: RS485 card, dry contact card, SNMP card, RS232 card. Compatible platforms: Microsoft Windows, Linux, Mac

Environmental

Operating temperature range	0°C ÷ +40°C
Altitude (AMSL)	< 1000 m without power reduction, > 1000 with reduction of 0.5% per 100 m
Audible noise at 1m (dBA)	<50
Relative humidity	0-90%

Standards and certifications

Marking	CE
Safety	IEC/EN 62040-1
EMC	IEC/EN 62040-2
Quality assurance, Environment, Health and Safety	ISO 14001:2004, BS OHSAS 18001:2007

*Tower **Rack/Tower ◆ Measurement conditions: optimised parameters, battery full charged, Power Factor (PF) 0.7