- True double-conversion
- Output Power Factor 0.9
- User-friendly and easy-shift LCD
- Rack/Tower design
- ECO and advanced ECO mode for energy saving
- Output voltage regulation < 1%
- Higher output crest radio 3:1
- Programmable power management outlets
- Emergency power off function (EPO)
- Hot swappable battery design
- External battery pack with built-in charger (4A or 8A)
- Long-run model available

Bessel
INFRAESTRUCTURA

UPS ON LINE 1KVA/1.5KVA/2KVA/3KVA RACK/TOWER

MODEL		GDS1000RT	GDS1500RT	GDS2000RT	GDS3000RT
PHASE		Single phase with ground			
Capacity	VA/W	1000 VA / 900 W	1500 VA / 1350 W	2000 VA / 1800 W	3000 VA / 2700 W
INPUT					
Nominal Voltage		100*/110*/115*/120 /127 VAC or 200/208/220/230/240 VAC			
Voltage Range		55-150 VAC ± 5% or 110-300 VAC ± 5% @ 50% load			
Frequency Range		40Hz ~ 70Hz			
Harmonic Distortion(THDi)		≦5% @ nominal input voltage			
Power Factor		≧ 0.99 @ nominal voltage (100% load)			
OUTPUT					
Output Voltage		100*/110*/115*/120/127 VAC or 200/208/220/230/240 VAC			
AC Voltage Regulation (Batt. Mode)		± 1%			
Frequency Range (Synchronized Range)		57 ~ 63 Hz or 47 ~ 53 Hz or			
Frequency Range (Batt. Mode)		60Hz ± 0.1Hz or 50 Hz ± 0.1Hz			
Current Crest Ratio		3:1 (max.)			
Harmonic Distortion		≦ 2 % THD (Linear Load); ≦ 4 % THD (Non-linear load)			
Transfer Time	AC mode to Battery mode	Zero			
	Inverter to Bypass	4 ms (Typical)			
Waveform (Batt. Mode)		Pure Sinewave			
EFFICIENCY					
AC Mode		90%	90%	91%	91%
ECO Mode		97%	97%	97%	97%
Battery Mode		88%	89%	88%	90%
BATTERY					
Stanard Model	Battery Type	12 V / 9 AH	12 V / 9 AH	12 V / 9 AH	12 V / 9 AH
	Numbers	2	3	4	6
	Typical Recharge Time	4 hours recover to 90% capacity			
	Charging Current (max.)	1.5 A*			
	Charging Voltage	27.4 V$_{DC}$ ± 1%	41.1 V$_{DC}$ ± 1%	54.8 V$_{DC}$ ±1%	82.1 V$_{DC}$ ±1%
Long-run Model	Battery Type	Depending on the capacity of external batteries			
	Numbers	2	3	4	6
	Charging Current (max.)	1A / 2A / 4A / 8A			
	Charging Voltage	27.4 V$_{DC}$ ± 1%	41.1 V$_{DC}$ ± 1%	54.8 V$_{DC}$ ±1%	82.1 V$_{DC}$ ±1%
INDICATORS					
LCD Display		Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicator			
ALARM					
Battery Mode		Sounding every 5 seconds			
Low Battery		Sounding every 2 seconds			
Overload		Sounding every second			
Fault		Continuosly sounding			
PHYSICAL					
Stanard Model	Dimension, D X W X H (mm)	410 x 438 x 88	410 x 438 x 88	510 x 438 x 88	630 x 438 x 88
	Net Weight (kgs)	11,6	14,5	19,5	27,4
Long-run Model	Dimension, D X W X H (mm)	410 x 438 x 88	410 x 438 x 88	410 x 438 x 88	510 x 438 x 88
	Net Weight (kgs)	6,4	6,5	6,5	10,5
ENVIRONMENT					
Humidity		20-90 % RH @ 0- 40°C (non-condensing)			
Noise Level		Less than 50dBA @ 1 Meter			
MANAGEMENT					
Smart RS-232/USB		Supports Windows® 2000/2003/XP/Vista/2008/7, Linux and MAC			
Optional SNMP		Power management from SNMP manager and web browser			

* *Derate capacity to 95% when the output voltage is adjusted to 115VAC, derate capacity to 90% when the output voltage is adjusted to 110VAC and derate
**If standard UPS is equipped with additional charger, the available setting options become 2A, 3A and 4A.
Product specifications are subject to change without further notice

Contacto

Envíenos su consulta por cualquier tema técnico o comercial que desee a info@bessel.com.ar, o llámenos a los teléfonos (011) 4572-3715 / (011) 4573-0129. Nos dará mucho gusto responder sus consultas y eventualmente coordinar una reunión con ustedes.