

# RTL Series

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## Line-interactive (Pure sine wave )

### Feature

- 1> Pure sine wave output
- 2> Double CPU controlled
- 3> G-Sensor autorotation LCD display
- 4> Extensible battery pack
- 5> Powerful charging function (Self settable)



## Specifications

MODEL	RTL-1K/RTL-1KL	RTL-1.5K/RTL-1.5KL	RTL-2K/RTL-2KL	RTL-3K/RTL-3KL	RTL-5K/RTL-5KL
Capacity	1000VA/700W	1500VA/1050W	2000VA/1400W	3000VA/2100W	5000VA/3500W
<b>DISPLAY</b>					
Indicator panel	LCD display				
<b>AC MODE</b>					
Input voltage	145-275Vac				
Input frequency	45-65Hz				
Output voltage	200-240Vac				
<b>INVERTER MODE</b>					
Output voltage	220V ± 5%				
Output frequency	50 ± 1% Hz / 60 ± 1%Hz(Auto sensing)				
Power factor	>0.6				
Output wave form	Pure Sine Wave				
Transfer time	Typical 2-6ms, 10ms max				
Overload capability	110% shut down within 60secs.			120% shut down within 5secs.	
Overcurrent protection	System shuts down automatically within 20ms				
<b>BATTERY</b>					
Battery type	Sealed maintenance-free lead-acid batteries				
DC voltage	DC 24V			DC 48V	
QTY. & capacity of battery	12V/7AHx2	-----	12V/9AHx2	-----	12V/7AHx4
External DC voltage	-----	24VDC	-----	24VDC	-----
Charging current	Long back up time models: 5A or 10A ( Adjustable )				
Charging period	Standard type models:6-8 hours recover to 90% capacity;Long backup time models:Depends on the batteries connected.				
<b>PHYSICAL</b>					
Net weight(kg)	16.2	13.5	19.2	16	26.6
Dimension(mm)	441 * 445 * 88				18.6
<b>ENVIRONMENT</b>					
Environment	Temperature 0°C-40°C, Humidity 20%-90%				
Noise level	≤ 40dB(1m)				
Altitude	≤ 1000 m (Altitude exceeds 1000m, full power cannot reach)				
<b>MANAGEMENT</b>					
USB & RS232	Optional				
<b>BATTERY PACK</b>					
Dimension(mm)	12V/7AH × 8		12V/9AH × 8		12V/9AH × 12
Net weight(kg)	24.5		27.4		42.6

Product specifications are subject to change without notice.