

RTL Series



Line-interactive (Pure Sine Wave)

- Pure sine wave output
- Double CPU controlled
- G-Sensor autorotation LCD display
- Extensible battery pack
- Powerful charging function (Self settable)



RTL Series 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	
Display										
Indicator Panel	LCD Display									
AC Mode										
Input voltage range	145~275Vac									
Input frequency	45-65Hz									
Output voltage range	200~240Vac									
Inverter Mode										
Output voltage	220V ± 5%									
Output frequency	50 ± 1% Hz / 60 1%Hz (Auto sensing)									
Output wave form	Pure sine wave									
Transfer time	Typical 2~6ms, Max.10ms.									
Overload capability	Automally shut down in 60sec while with 110% load, and shut down in 5sec while with 120% load									
Over current Protection	System shut down automatically within 20ms									
BATTERY										
Battery Type	Sealed maintenance-free lead -acid batteries									
DC voltage	DC 24V				DC 48V				DC 48V	
QTY. & capacity of battery	12V/7AHx2		12V/9AHx2		12V/7AHx4		12V/9AHx4		12V/9AHx4	
External DC voltage		24VDC		24VDC		48VDC		48VDC		48VDC
Charging current	Long Back up time model: 5A or 10A (Adjustable)									
Charging period	Standard type models:6-8 hours recover to 90% capacity; Long backup time models: Depends connected									
PHYSICAL										
Net weight (kg)	16.2	13.5	19.2	16	26.6	18.6	28.5	20.5	39	20.8
Dimension (mm)	441 * 445 * 88								441 * 445 * 132	
ENVIRONMENT										
Environment	Temperature 0°C-40°C, Humidity 20%-90%									
Noise level	<40dB (1m)									
Altitude	<1000 m (Altitude exceeds 1000m. full power cannot reach)									
MANAGEMENT										
USB & RS232	Optional									
BATTERY PACK	12V/7AH x 8			12V/9AH x 8				12V/9AH x 12		
Dimension (mm)	441 * 445 * 88								441 * 445 * 132	
Net weight (kg)	24.5			27.4				42.6		