•True double-conversion
•Output power factor 1
•Output voltage regulation < 1%
•Higher output crest ratio 3:1
•50Hz/60Hz frequency converter mode
•Programmable power management outlets
•Emergency power off function (EPO)
•Hot swappable battery design
•ECO mode for energy saving
•Emergency power off (EPO) function
• full time over voltage cut-off and surge protection
•High power factor charger with low ripple current
•Low input THDi to reduce power system pollution
•Adjustable charging current via LCD panel
•Smart battery charger design to optimize battery performance
•Generator compatible



CLIPPERS RACK/TOWER ONLINE UPS SELECTION GUIDE

MODEL		CLIPPERS RT 1K	CLIPPERS RT 2K	CLIPPERS RT 3K
PHASE		Single phase with ground		
Capacity		1000 VA / 1000 W	2000 VA / 2000 W	3000 VA / 3000 W
INPUT				
Nominal Voltage		220/230/240 VAC		
Voltage Range	@ 50% load	110-300 VAC ± 5%		
	@ 100% load	160-300 VAC ± 5%		
Frequency Range		40Hz ~ 70Hz		
Harmonic Distortion(THDi)		≦5% @ nominal input voltage		
Power Factor		≧ 0.99 @ nominal voltage (100% load)		
OUTPUT				
Output Voltage		220/230/240 VAC		
AC Voltage Regulation (Batt. Mode)		± 1%		
Frequency Range (Synchronized Range)		47 ~ 53 Hz or 57 ~ 63 Hz		
Frequency Range (@Batt. Mode)		50 Hz or 60Hz ± 0.1Hz		
Current Crest Ratio		3:1 (max.)		
Harmonic Distortion	Linear Load	≦ 2 %		
	Non-linear load	≦ 4 %		
Transfer Time	Line to Battery	Zero		
	Inverter to Bypass	4 ms (Typical)		
Waveform (Batt. Mode)		Pure Sinewave		
EFFICIENCY				
AC Mode@full charged battery		≧89%	≧91%	
ECO Mode@full charged battery		≧ 96%		
Battery Mode		≧88%	≧90%	
BATTERY				
Battery Type		12 V / 9 AH		
Numbers		2	4	6
Typical Recharge Time		3 hours recover to 95% capacity		
Charging Current(Default 2A , Adjustable)		Max: 12A	Max: 8A	
Charging Voltage(Vdc ± 1%)		27.4	54.8	82.1
PHYSICAL				
Dimension, WxHxD (mm)		438x88x410	438x88x510	438x88x630
Net Weight (without battery) (kgs)		6.6	9.4	12.4
Net Weight (w/built-int battery) (kgs)		11.6	19.5	27.5
ENVIRONMENT				
Humidity(non-condensing)		20-90 % RH @ 0- 40°C		
Noise Level (@ 1 Meter)		≦50dBA		
Altitude(Max 3000m)		10% de-rating for over 1000m		
MANAGEMENT				
Smart RS-232/USB		Supports Windows® 2000/2003/XP/Vista/2008/7/8/10, Linux and MAC		
SNMP(Optional)		Power management from SNMP manager and web browser		
STANDARD				
EMC/safety		EMC EN62040-2 C2 for CE models		

Product specifications are subject to change without further notice

onduleur.shop