



INPUT

INPUT VOLTAGE RANGE	100VAC-300VAC
PHASE	Single phase with ground
INPUT VOLTAGE RANGE TO TAKE 40% LOAD	100VAC~300VAC
INPUT VOLTAGE RANGE TO TAKE 100% LOAD	176VAC~300VAC
INRUSH CURRENT LIMIT	8*I _{rms}
INPUT POWER FACTOR	≥0.99
INPUT FREQUENCY RANGE	45-55Hz / 54-66Hz
INPUT PROTECTION	Breaker
GENERATOR SET	2.2 x UPS Rating Power

OUTPUT

POWER(VA) MAX	1000
POWER(W) MAX	900
POWER FACTOR	0.9
WAVEFORM	Pure sine wave
NOMINAL VOLTAGE	220VAC/230VAC/240VAC
VOLTAGE VARIATION	±1%
VOLTAGE DISTORTION	< 2% THD@ linear load < 6% THD@ non-linear load

OUTPUT FREQUENCY

SYNCHRONIZATION RANGE	45-55Hz / 54-66Hz
SLEW RATE	1Hz/s
BATTERY MODE	(50/60±0.05) Hz

TRANSFER TIME

INVERTER MODE → BATTERY MODE	0ms
BATTERY MODE → INVERTER MODE	0ms
INVERTER MODE → BYPASS MODE	4ms

FULL LOAD EFFICIENCY

LINE MODE WITH BATTERY FULL CHARGED	>89%
ECO MODE	>97.5%

OVERLOAD CAPABILITY

LINE MODE	100% 105% :Constant
	105%~130% :60s
	130%~150% :10s
	150% :300ms

BATTERY

INNER BATTERY RATING / TYPE	12V/9AH*2
BACK-UP TIME (FULL LOAD)	3.5mins typical
DC VOLTAGE	24VDC

CHARGER	
CHARGER CURRENT	1.5A
FLOATING VOLTAGE PHASE	13.65V/pc
CHARGING TIME	4 hours to 90%
FEATURES	
ECO MODE	YES
BATTERY CAPACITY CALCULATION	YES
FAN SPEED CONTROL	YES
FREQUENCY CONVERTER MODE (CVCF)	YES, 60% load
INDICATOR & ALARM	
BATTERY MODE	Beeps every four second
BATTERY LOW	Sounding every second
OVERLOAD	Sounding twice every second
FAULT	Continuous beeping
INTERFACE	
RS232	Optional
USB	YES
EPO FUNCTION	YES
COMM SLOT	Optional (SNMP/AS400)
DRY CONTACT	Optional
INLET SOCKET/TB	Inlet+Input Powercord
MECHANICAL	
WxHxD (mm)	144*228*356
NET WEIGHT (Kg)	9.2
ENVIRONMENTAL	
OPERATING TEMPERATURE RANGE	0°C~40°C
RELATIVE HUMIDITY	0~95% (No condensing)
AUDIBLE NOISE (FULL LOAD)	≤49dB
AUDIBLE NOISE (60% LOAD)	≤39dB
REGULATIONS	
SAFETY	CE
TRANSPORTATION	Drop: ISTA 2A, Vibration: internal standard
PROTECTION	IP20 (static)