



## UPS EVO PLUS 1KVA - 2KVA - 3KVA

Online Double Conversion with Full Digital  
1000 VA - 2000 VA - 3000 VA



**230 VAC**

**POWER FACTOR -n2**



### SPEDIFICATION

MODEL		EVO TOWER -	EVO TOWER A	EVO TOWER K
CAPACITY		-222h-222	A222hA222	K222hK222
<b>INPUT</b>				
NOMINAL VOLTAGE		208/220/230/240VAC		
INPUT VOLTAGE RANGE		300~110VAC (280~176VAC @ 100% LOAD)		
FREQUENCY RANGE		70~40HZ (60/50HZ AUTO-SENSING)		
INPUT VOLTAGE RANGE		≥0.99		
<b>OUTPUT</b>				
OUTPUT VOLTAGE		240/230/220/208VAC		
POWER FACTOR		≥0.99		
VOLTAGE REGULATION		±1%		
OUTPUT FREQUENCY	LINE MODE	54~46HZ OR 56~64HZ		
	BAT. MODE	(60/50±0.1%)HZ		
CREST FACTOR		3:01		
HARMONIC DISTORTION (THDV)		≤3% LINEAR LOAD		
		≤5% NON LINEAR LOAD		
TRANSFER TIME	AC MODE TO BAT.MODE	0MS		
	INVERTER TO BYPASS	4MS (TYPICAL)		
OUTPUT WAVEFORM		PURE SINEWAVE		





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EFFICIENCY			
AC MODE	%89	%91	%92
BATTERY MODE	%85	%87	%88
BATTERY			
BATTERY NUMBER	2	4	6
CAPACITY (STANDARD UNIT)	9AH/12V	9AH/12V	9AH/12V
TYPICAL RECHARGING TIME	4 HOURS (TO 90% OF FULL CAPACITY)		
CHARGING VOLTAGE	27.4VDC $\pm$ 1%	54.8VDC $\pm$ 1%	82.2VDC $\pm$ 1%
CHARGING CURRENT (MAX)	1AH		
INDICATORS			
LED DISPLAY	LINE MODE,BAT.MODE,ECO MODE,BYPASS MODE,BATTERY LOW VOLTAGE,OVERLOAD & UPS FAULT		
LCD DISPLAY	INPUT VOLTAGE,INPUT FREQUENCY,OUTPUT VOLTAGE,OUTPUT FREQUENCY,LOAD PERCENTAGE, BATTERY VOLTAGE,INNER TEMPERATURE& REMAINING BATTERY BACKUP TIME		
ALARM			
BATTERY MODE	BEEPING EVERY 4 SECONDS		
BATTERY LOW	BEEPING EVERY SECOND		
OVERLOAD	BEEPING TWICE EVERY SECOND		
FAULT	CONTINUOUSLY BEEPING		
PHYSICAL			
DIMENSION W X DxH (MM)	440 X 460 X 86.5	440 X 460 X 86.5	440 X 600 X 86.5
NET WEIGHT (KG)	14	19.5	26
ENVIRONMENT			
OPERATING TEMPERATURE	0C-40C		
STORAGE TEMPERATURE	-25C-55C		
HUMIDITY RANGE	95~20%RH @ 40-0C (NON CONDENSING)		
ALTITUDE	<1500M,DERATING REQUIRED WHEN>1500M		
NOISE LEVEL	<50DB AT 1 METER		
STANDARDS			
SAFETY	IEC/EN62040-1,IEC/EN62477-1		
EMC	IEC/EN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-4,IEC61000-4-5,IEC61000-4-6,IEC61000-4-8		

