

UPS EVO PLUS

1KVA - 2KVA - 3KVA

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


230 VAC
POWER FACTOR 0.9


SPECIFICATION

MODEL		EVO1000RT-MM	EVO2000RT-MM	EVO3000RT-MM
CAPACITY		1000VA/ 900W	2000VA/ 1800W	3000VA/ 2700W
INPUT				
NOMINAL VOLTAGE		208/220/230/240VAC		
INPUT VOLTAGE RANGE		110~300VAC (176~280VAC @ 100% LOAD)		
FREQUENCY RANGE		40~70HZ (50/60HZ AUTO-SENSING)		
INPUT VOLTAGE RANGE		≥0.99		
OUTPUT				
OUTPUT VOLTAGE		208/220/230/240VAC		
POWER FACTOR		0.9		
VOLTAGE REGULATION		±1%		
OUTPUT FREQUENCY	LINE MODE	46~54HZ OR 56~64HZ		
	BAT. MODE	(50/60±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)	%85	9AH/12V	%88
TYPICAL RECHARGING TIME	4 HOURS (TO 90% OF FULL CAPACITY)		
CHARGING VOLTAGE	27.4VDC±1%	54.8VDC±1%	109.6VDC±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 D×H (MM)	440 X 325 X 86.5	440 X 460 X 86.5	440 X 600 X 86.5
NET WEIGHT (KG)	11.3	19.6	26.2
ENVIRONMENT			
OPERATING TEMPERATURE	0C~40C		
STORAGE TEMPERATURE	-25C~55C		
HUMIDITY RANGE	20~95%RH @ 0~40C (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		