

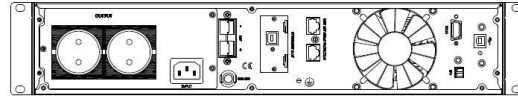


Online Double Conversion with Full Digital EVO Series UPS

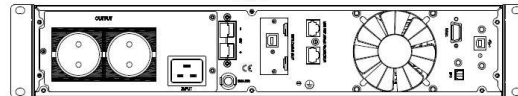
1000VA - 2000VA - 3000VA



1KS



2KS



3KS

230 VAC

POWER FACTOR 0.9



SPECIFICATION

MODEL		EVO PLUS 1KVA	EVO PLUS 2KVA	EVO PLUS 3KVA
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)		
Power factor		≥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		

Company information

EFFICIENCY			
AC mode	89%	91%	92%
Battery mode	85%	87%	88%
BATTERY			
Battery number	2	4	6
Charging voltage	27.4Vdc±1%	54.8Vdc±1%	82.2Vdc±1%
Typical recharging time	4 hours (to 90% of full capacity)		
Capacity (Standard unit)	9Ah/12V		
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	Continously beeping		
PHYSICAL			
Dimension W x D×H (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	0℃~40℃		
Storage temperature	-25℃~55℃		
Humidity range	20~95%RH @ 0~40℃ (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		

Company information