

UPS EVD PLUS RT 6KVA – 10KVA

Online Double Conversion with Full Digital

EVD Series UPS

6000VA - 10000VA


1PH 1PH
230 VAC
POWER FACTOR 0.9


SPECIFICATION

MODEL		EVD6RT-MM	EVO1000RT-MM
CAPACITY		6000VA/ 5400W	10000VA/ 9000W
INPUT			
NOMINAL VOLTAGE		208/220/230/240VAC	
INPUT VOLTAGE RANGE		110~286VAC	
FREQUENCY RANGE		40~70HZ (50/60HZ AUTO-SENSING)	
POWER FACTOR		≥0.99	
		MAX.VOLTAGE:220V:+25% (OPTIONAL+10%,+15%,+20%) 230V:+20% (OPTIONAL+10%,+15%,+20%)	
BYPASS VOLTAGE RANGE		240V:+15% (OPTIONAL+10%)	
		MIN.VOLTAGE:-45% (OPTIONAL-20%,-30%)	
OUTPUT			
OUTPUT VOLTAGE		208/220/230/240VAC	
POWER FACTOR		0.9	
VOLTAGE REGULATION		±1%	
OUTPUT FREQUENCY	LINE MODE	±1%/±2%±/±4%/±5%/±10% OF THE RATED FREQUENCY (OPTIONAL)	
	BAT. MODE	(50/60±0.1%)HZ	
CREST FACTOR		3:01	
HARMONIC DISTORTION (THDV)		≤2% LINEAR LOAD	
		≤5% NON LINEAR LOAD	
TRANSFER TIME	AC MODE TO BAT.MODE	0MS	
	INVERTER TO BYPASS	0MS	
OUTPUT WAVEFORM		PURE SINEWAVE	

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EFFICIENCY		94%	
OVERLOAD	LINE MODE	LOAD≤110% LAST 60MIN; ≤125% LAST 10MIN; ≤150% LAST 1MIN; >150% TURN TO BYPASS MODE IMMEDIATELY	
	BYPASS MODE	40A (BREAKER)	63A (BREAKER)
BATTERY			
BATTERY NUMBER			
BATTERY VOLTAGE		±96/±108/±120VDC (ADJUSTABLE) 16 / 18 / 20 Battery OPTIONAL	
CAPACITY (STANDARD UNIT)		9AH/12V (7AH/12V OPTIONAL)	
TYPICAL RECHARGING TIME		6~8 HOURS (TO 90% OF FULL CAPACITY)	
CHARGING CURRENT		1A (STANDARD UNIT); LONG RUN UNIT MAX.CURRENT 10A (CHARGING CURRENT CAN BE SET ACCORDING TO BATTERY CAPACITY)	
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 460 X 86.5	
NET WEIGHT (KG)		16	18
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		<55DB AT 1 METER	<58DB 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	