



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 | | EVD6T-MM | EVD10T-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 | |
| BYPASS VOLTAGE RANGE | | MAX.VOLTAGE:220V:+25% (OPTIONAL+10%,+15%,+20%) 230V:+20% (OPTIONAL+10%,+15%,+20%) 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 | |





UPS EVD PLUS RT 6KVA – 10KVA
Online Double Conversion with Full Digital
EVD Series UPS
6000VA - 10000VA

| | | | |
|---------------------------------|--------------------|--|----------------------|
| 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 | | (12V/9Ah) 16/18/20 Pcs . Can be set 20 pcs no power derating | |
| 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) | | 191×460×720 | |
| NET WEIGHT (KG) | | 69 | 71 |
| 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 | |

