



UPS EVD PLUS Tower 10KVA – 15KVA - 20KVA - 30KVA

Online Double Conversion with Full Digital

EVD Series UPS 3PH IN - 1PH OUT

10000VA > 30000VA



3PH 1PH

380 VAC

POWER FACTOR 0.9



SPECIFICATION

MODEL	TLEVD10	TLEVD15	TLEVD20	TLEVD30
CAPACITY	10K / 9K	15K / 13.5K	20K/ 18K	30K / 27K
INPUT				
NOMINAL VOLTAGE	380/400/415VAC, (3PH+N+PE)			
OPERATING VOLTAGE RANGE	138~485VAC FOR 40%LOAD; 305~485VAC FOR FULL-LOAD			
OPERATING FREQUENCY RANGE	40~70HZ (50/60HZ AUTO-SENSING)			
POWER FACTOR	≥0.99			
BYPASS VOLTAGE RANGE	220VAC MAX.VOLTAGE: +25%(OPTIONAL +10%,+15%,+20%) 230VAC MAX.VOLTAGE: +20%(OPTIONAL +10%,+15%) 240VAC MAX.VOLTAGE: +15%(OPTIONAL +10%) MIN. VOLTAGE: -45% (OPTIONAL -20%,-30%) FREQUENCY SYNCHRONIZE TRACING RANGE: ±10%			
GENERATOR INPUT	SUPPORT			
HARMONIC DISTORTION (THDI)	≤3%(100% NON-LINEAR LOAD)			
OUTPUT				
RATED VOLTAGE	220/230/240VAC,(P-N)			
POWER FACTOR	0.9			
VOLTAGE REGULATION	±1%			
FREQUENCY	LINE MODE	SYNCHRONIZE WITH INPUT; WHEN INPUT FREQUENCY > ±10% (±1%/±2%/±4%/±5% OPTIONAL), OUTPUT (50/60±0.1)HZ		
	BAT. MODE	50/60(±0.1)HZ		
CREST FACTOR	3:1			
HARMONIC DISTORTION (THDV)	≤2% WITH LINEAR LOAD ≤4% WITH NON-LINEAR LOAD			
CREST FACTOR	96%			





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BATTERY				
BATTERY VOLTAGE Standard Unit	±120Vdc (1×20pcs 12V9AH)	±120Vdc (2×20pcs 12V9AH)		±120Vdc (3×20pcs 12V9AH)
BATTERY VOLTAGE Long run Unit	±96/108/120Vdc; battery quantity (16~20 pcs, 16 pcs define, Standard unit and 20 pcs no power derating; 18 pcs output power factor 0.8/0.9; 16 pcs output power factor 0.7/0.8;)			
CHARGING CURRENT (A)(CHARGING CURRENT CAN BE SET ACCORDING TO BATTERY CAPACITY INSTALLED)	14A (MAX.)	16A (MAX.)	18A (MAX.)	20A (MAX.)
SYSTEM FEATURES				
TRANSFER TIME	UTILITY TO BATTERY : 0MS; UTILITY TO BYPASS: 0MS			
OVERLOAD	≤110% OVERLOAD 60 MIN; ≤150% OVERLOAD 1 MIN, TO BYPASS BYPASS MODE:135% OVERLOAD LONG TIME; >1000% OVERLOAD 100 MS			
BACKFEED PROTECTION	SUPPORT			
ALARM	OVERLOAD, UTILITY ABNORMAL, UPS FAULT, BATTERY LOW, ETC.			
PROTECTION	SHORT CIRCUIT, OVERLOAD, OVER TEMPERATURE, BATTERY LOW, FAN FAULT ALARM.			
REMOTE LCD	SUPPORT			
COMMUNICATION INTERFACE	USB, RS232, RS485, PARALLEL PORT, DRY CONTACT, INTELLIGENT SLOT, LBS, SNMP CARD (OPTIONAL), RELAY CARD (OPTIONAL)			
ENVIRONMENT				
OPERATING TEMPERATURE	0C~40C			
STORAGE TEMPERATURE	-25C~55C			
HUMIDITY RANGE	0~95% (NON-CONDENSING)			
ALTITUDE	<1500M. WHEN >1500M, DERATING POWER FOR USE			
NOISE LEVEL	<55DB	<55DB	<58DB	<61DB
PHYSICAL				
DIMENSION D×W×H (MM)	828×250×868			
NET WEIGHT (KG)	57	63	64	71
STANDARDS				
SAFETY	IEC/EN62040-1,IEC/EN60950-1			
EMC	IEC/EN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-4,IEC61000-4-5,IEC61000-4-6,IEC61000-4-8			

