



UPS EVP PLUS Tower 100KVA – 120KVA - 160KVA - 200KVA

Online Double Conversion with Full
Digital EVP Series UPS 3PH IN - 3PH OUT
100KVA > 200KVA



3PH 3PH

380 VAC

POWER FACTOR 0.9



SPECIFICATION

MODEL	TLEVP100	TLEVP120	TLEVP160	TLEVP200
CAPACITY	100K / 90K	120K / 108K	160K / 144K	200K / 180K
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	380/400/415VAC(3PH+N+PE)			
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	OPTIONAL VOLTAGE: $\pm 180V/\pm 192V/\pm 204V/\pm 216V/\pm 228V/\pm 240V/\pm 252V/\pm 264V/\pm 276V/\pm 288V/\pm 300VDC$ -C(30/32/34/36/38/40/42/44/46/48/50PCS OPTIONAL); 360VDC~600VDC (30~50 PCS, 30 PCS DEFAULT, 36~50 PCS OUTPUT POWER FACTOR 1.0; 32~34 PCS OUTPUT POWER FACTOR 0.9; 30 PCS OUTPUT POWER FACTOR 0.8;)			
CHARGING CURRENT (A)(CHARGING CURRENT CAN BE SET ACCORDING TO BATTERY CAPACITY INSTALLED)	40A(MAX.)	40A(MAX.)	60A(MAX.)	60A(MAX.)
SYSTEM FEATURES				
TRANSFER TIME	UTILITY TO BATTERY : 0MS; UTILITY TO BYPASS: 0MS			
OVERLOAD	$\leq 110\%$ OVERLOAD 60 MIN; $\leq 150\%$ 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	$<62DB$	$<62DB$	$<63DB$	$<65DB$
PHYSICAL				
DIMENSION D×W×H (MM)	850X442X1100			
NET WEIGHT (KG)	147	152	200	230
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			

