



UPS EVP PLUS Tower 40KVA – 60KVA - 80KVA
Online Double Conversion with Full Digital
EVP Series UPS 3PH IN - 3PH OUT
400KVA > 80KVA



3PH 3PH

380 VAC

POWER FACTOR 0.9



SPECIFICATION

MODEL	TLEVP40	TLEVP60	TLEVP80
CAPACITY	40K / 36K	60K / 54K	80K / 72K
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: $\pm 180/\pm 192/\pm 204/\pm 216/\pm 228/\pm 240/\pm 252/\pm 264/\pm 276/\pm 288/\pm 300\text{VDC}$ (30/32/34/36/38/40/42/44/46/48/50PCS OPTIONAL) 360VDC~600VDC (30~50 PCS, 30 PCS DEFINE, 32-50 PCS NO POWER DERATING; 30 PCS OUTPUT POWER FACTOR 0.8;)		
<small>CHARGING CURRENT (A)(CHARGING CURRENT CAN BE SET ACCORDING TO BATTERY CAPACITY INSTALLED)</small>	20A(MAX.)	40A(MAX.)	40A(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	<63DB	<65DB
PHYSICAL			
DIMENSION D×W×H (MM)	850X442X1100		
NET WEIGHT (KG)	73	118	123
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		

