

**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
<b>INPUT</b>			
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)		
<b>OUTPUT</b>			
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%		

## UPS EVP PLUS Tower 40KVA – 60KVA - 80KVA

**Online Double Conversion with Full Digital  
EVP Series UPS 3PH IN - 3PH OUT  
400KVA > 80KVA**

BATTERY			
<b>BATTERY VOLTAGE</b>	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>	<b>20A(MAX.)</b>	<b>40A(MAX.)</b>	<b>40A(MAX.)</b>
SYSTEM FEATURES			
<b>TRANSFER TIME</b>	UTILITY TO BATTERY : 0MS; UTILITY TO BYPASS: 0MS		
<b>OVERLOAD</b>	$\leq 110\%$ OVERLOAD 60 MIN; $\leq 150\%$ OVERLOAD 1 MIN, TO BYPASS BYPASS MODE:135% OVERLOAD LONG TIME; $>1000\%$ OVERLOAD 100 MS		
<b>BACKFEED PROTECTION</b>	SUPPORT		
<b>ALARM</b>	OVERLOAD, UTILITY ABNORMAL, UPS FAULT, BATTERY LOW, ETC.		
<b>PROTECTION</b>	SHORT CIRCUIT, OVERLOAD, OVER TEMPERATURE, BATTERY LOW, FAN FAULT ALARM.		
<b>REMOTE LCD</b>	SUPPORT		
<b>COMMUNICATION INTERFACE</b>	USB, RS232, RS485, PARALLEL PORT, DRY CONTACT, INTELLIGENT SLOT, LBS, SNMP CARD (OPTIONAL), RELAY CARD (OPTIONAL)		
ENVIRONMENT			
<b>OPERATING TEMPERATURE</b>	0C~40C		
<b>STORAGE TEMPERATURE</b>	-25C~55C		
<b>HUMIDITY RANGE</b>	0~95% (NON-CONDENSING)		
<b>ALTITUDE</b>	$<1500\text{M}$ . WHEN $>1500\text{M}$ , DERATING POWER FOR USE		
<b>NOISE LEVEL</b>	$<62\text{DB}$	$<63\text{DB}$	$<65\text{DB}$
PHYSICAL			
<b>DIMENSION D×W×H (MM)</b>	850X442X1100		
<b>NET WEIGHT (KG)</b>	<b>73</b>	<b>118</b>	<b>123</b>
STANDARDS			
<b>SAFETY</b>	IEC/EN62040-1,IEC/EN60950-1		
<b>EMC</b>	IEC/EN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-4,IEC61000-4-5,IEC61000-4-6,IEC61000-4-8		