



**UPS EVP PLUS Tower 10KVA – 15KVA - 20KVA - 30KVA**  
Online Double Conversion with Full Digital  
EVP Series UPS 3PH IN - 3PH OUT  
10000VA > 30000VA



**3PH 3PH**

**230 VAC**

**POWER FACTOR 0.9**



**SPECIFICATION**

MODEL	TLEVP10	TLEVP15	TLEVP20	TLEVP30
CAPACITY	10K / 9K	15K / 13.5K	10K / 18K	30K / 27K
<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%			





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BATTERY				
<b>BATTERY VOLTAGE</b>	±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				
<b>TRANSFER TIME</b>	UTILITY TO BATTERY : 0MS; UTILITY TO BYPASS: 0MS			
<b>OVERLOAD</b>	≤110% OVERLOAD 60 MIN; ≤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>	<1500M. WHEN >1500M, DERATING POWER FOR USE			
<b>NOISE LEVEL</b>	<55DB	<55DB	<58DB	<61DB
PHYSICAL				
<b>DIMENSION D×W×H (MM)</b>	828×250×868			
<b>NET WEIGHT (KG)</b>	57	63	64	71
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			

