



**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**

**380 VAC**

**POWER FACTOR 0.9**



**SPECIFICATION**

MODEL	TLEVP10	TLEVP15	TLEVP20	TLEVP30
<b>CAPACITY</b>	10K / 9K	15K / 13.5K	20K/ 18K	30K / 27K
<b>INPUT</b>				
<b>NOMINAL VOLTAGE</b>	380/400/415VAC, (3PH+N+PE)			
<b>OPERATING VOLTAGE RANGE</b>	138~485VAC FOR 40%LOAD; 305~485VAC FOR FULL-LOAD			
<b>OPERATING FREQUENCY RANGE</b>	40~70HZ (50/60HZ AUTO-SENSING)			
<b>POWER FACTOR</b>	≥0.99			
<b>BYPASS VOLTAGE RANGE</b>	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%			
<b>GENERATOR INPUT</b>	SUPPORT			
<b>HARMONIC DISTORTION (THDI)</b>	≤3%(100% NON-LINEAR LOAD)			
<b>OUTPUT</b>				
<b>RATED VOLTAGE</b>	380/400/415VAC(3PH+N+PE)			
<b>POWER FACTOR</b>	0.9			
<b>VOLTAGE REGULATION</b>	±1%			
<b>FREQUENCY</b>	<b>LINE MODE</b>	SYNCHRONIZE WITH INPUT; WHEN INPUT FREQUENCY > ±10% (±1%/±2%/±4%/±5% OPTIONAL), OUTPUT (50/60±0.1)HZ		
	<b>BAT. MODE</b>	50/60(±0.1)HZ		
<b>CREST FACTOR</b>	3:1			
<b>HARMONIC DISTORTION (THDV)</b>	≤2% WITH LINEAR LOAD ≤4% WITH NON-LINEAR LOAD			
<b>CREST FACTOR</b>	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			

