

## FEATURES

- True double-conversion online technology DSP 100% micro controlled
- N+ 1 parallel redundant connection
- High efficiency >92%
- Dual power supply (selectable)
- Accept 100% unbalanced load
- Cold start
- Intelligent battery control
- Compatible with generators
- Powerful communication system (RS232. SNMP. GPRS)

## APPLICATIONS

- Emergency power supply
- Radio broadcast backup power
- Data center backup power
- Commercial backup power



## Product Description

PART#	DESCRIPTION	INPUT VOLTAGE	OUTPUT VOLTAGE	BATTERY TYPE
EV-UPI-TU40	40kVA UPS Inverter	3x208VAC	3x208/120VAC	VRLA or Lithium Ion Battery
EV-UPI-TU60	40kVA UPS Inverter	3x208VAC	3x208/120VAC	VRLA or Lithium Ion Battery

### Specifications

MODEL#	EV-UPI-TU40	EV-UPI-TU60
<b>PHYSICAL</b>		
Rated Capacity	40kVA	60kVA
Size (L*W*H mm)	660x865x1550mm	660x865x1550mm
Weight (kg)	437	500
Installation Method	Tower	
<b>INPUT</b>		
Input Voltage Range	3x208V/120Vac +-20%(5 wires 3Ph+N+G)	
AC Input Frequency Range	50Hz/60Hz+-10%	
Conductors	Three phase+N+E	
<b>OUTPUT</b>		
Output Voltage	3x208V/120Vac +-1%	
Output Frequency (Battery Mode)	50Hz/60Hz+-0.1%	
Output Wave (Battery Mode)	Pure Sine Wave	
HD	<2% liner load/<5% non-linear load	
Crest Factor	3:01	
Power Factor	0.8 or 0.9	
Overload Recuperation	Automatic transfer to normal	
Voltage Regulation	Load balance+-1%	
Overload Capacity	125% for 12 mins,150% for 1 min	
Conductors	Three phase+N+E	
<b>BATTERY</b>		
Type	VRLA or lithium ion battery	
Full Load Autonomy	3-15 mins or extend	
Typical Recharge Time	4~8 hours,90%	
Battery Behavior	Autotest   Transfer point adjustable battery and alarm setting	
Battery Protection	Fuse protection, battery switch, temperature compensation, regular inspection, software protection, overvoltage tripping.	
<b>GENERAL</b>		
Hardware Protections	Breaker for input, output, battery and bypass. Fast acting fuses in DC, fans, redundant power supplies, temperature sensors, on-off switch and audible alarms.	
Bypass	Static solid state, automatic and manual operation without interruption for maintenance.	
Emergency Switch	Remote and/or local EPO	
Display	LCD touch screen	
Alarm	Audible and visual alarms for abnormal conditions	
Communication	RS232,SNMP-RJ45, GPRS(optional)	

MODEL#	EV-UPI-TU40	EV-UPI-TU60
<b>ENVIRONMENT</b>		
Operating Temperature	0°C~40°C	
Storage Temperature	-15°C~60°C	
Noise	≤60dB	
Altitude	1000m ( above derating )	
Efficiency	Power saving mode>98%,AC-AC>91%,Inverter>92%	
Humidity	0%~95% ,No condensation	

### Product Configuration

