

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	60kVA UPS Inverter	3x208VAC	3x208/120VAC	VRLA or Lithium Ion Battery

Specifications

MODEL#	EV-UPI-TU40	EV-UPI-TU60
PHYSICAL		
Rated Capacity	40kVA	60kVA
Size (L*W*H mm)	660x865x1550mm	660x865x1550mm
Weight (kg)	437	500
Installation Method	Tower	
INPUT		
Input Voltage Range	3x208V/120Vac + -20%(5 wires 3Ph+N+G)	
AC Input Frequency Range	50Hz/60Hz + -10%	
Conductors	Three phase + N + E	
OUTPUT		
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	
BATTERY		
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.	
GENERAL		
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
ENVIRONMENT		
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

