

SOLTEC

**Industrial
Type Design**
Suitable for
All Applications



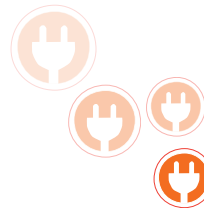
U-LT Series 10-60kVA

True On-Line Double Conversion Isolated UPS

U-LT31 — 3 Phase Input / 1 Phase Output

Features

- True On-line Double Conversion
- IGBT Inverter and Output Isolation Transformer
- 3 phases UPS allow 100% Unbalance Load
- Fully Double DSP Control, High Reliability and Performance
- Automatic & Manual Static Bypass Switch
- Wide Input Voltage Range
- DC Cold Start Function
- Advanced Battery Charging Management
- Intelligent Fan Speed Control
- Eco Mode and EPO Function
- Intelligent Multi -Type Communication Ports
- Advanced No - master-slave N+X Parallel Technology (optional)
- Intelligent Battery Monitor System - MMBM (optional)
- 6 Pulse / 12 Pulse Rectifier (optional)
- Bypass Isolation Transformer (optional)



Applications :

- Computer & Networking
- Industrial Equipment
- CNC & Wire cut & PLC
- Robot & Laser-Welding
- Medical & Lab Equipment
- Metrology & Precision Devices
- Logistics & Telecoms
- Financial & Securities



*** SPECIFICATIONS : True On-line Double Conversion With Isolated Transformer**

U-LT31 Series								
Appearance >								
	MODEL :							
***U-LT31	3P Input / 1P Output ▶	3110L	3115L	3120L	3130L	3140L	3150L	3160L
Power Rating	kVA	10	15	20	30	40	50	60
	kW	8	12	16	24	32	40	48
INPUT	-Rectifier							
Voltage (Vac)		380 / 400, **208 / **220 ± 25 % (3P4W + PE)						
Frequency (Hz)		50 / 60 ± 10% (50 / 60Hz Settings)						
Soft Start Capability		0 ~ 100% : 5 Secs						
OUTPUT	-Inverter							
Voltage (Vac)		220 ± 1% (1P2W + PE)						
Frequency (Hz)		50 / 60 ± 0.1% (Inverter Mode)						
Wave Form		Pure Sine Wave, THD ≤ 2% (Linear Load)						
Unbalance Load Voltage		≤ 2%, Compatible 100% Unbalance						
Efficiency (%)		> 95% (Full Load)						
Power Factor		0.8						
Overload		125% Load for 1 min, 150% Load for 20 Secs						
Transfer Time		0 msec						
BATTERY								
Voltage (Vdc)		192			348			
Back-up Time		10-30Mins Depends On Load (Sealed Lead - Acid Maintenance Free)						
Batt.Cabinet / Bank		External - Metal Cabinet						
Charger Current (A)		3/4.5A			10 ~ 20A Setting			
Battery Self - Testing		Automatically Alarm and Estimate Battery Status in Battery Abnormal Status						
SYSTEM FEATURES								
Maintenance Bypass		Optional			Yes			
Communication Interface		RS232 / RS485 and Dry Contacts (USB / J-BUS / MODBUS / PROFIBUS / HTTP / SNMP are Optional)						
Display Panels Indication		1. LCD : Input & Output Volt., Input & Output Freq., % Load, etc. 2. LED : Line, Inverte-r, Bypass, Overload, Batt Low, Fault						
Alarm		Overload, Abnormal AC Input, Low Battery, UPS Failure						
Protection System		Automatic Self - Diagnostics Test, Input Over & Under Voltage, Output Over & Low Voltage, Output Stabilizer, Overload, Low & End - Dischager Battery, MOV Surge & Short - Circuit, EMI & RFI Noise Filter, Over Temperature, **Reverse Energy Absorber.						
Optional Function		Remote EPO (Emergency Power off), Redunance Power Board, Battery Circuit Breaker Tripping Dectection, Dufproof, Laninated DC Busbar, Active Filter..etc.						
Audible Noise (dBA)		< 55 at 1m						
Humidity / Temp		0 ~ 95% (Non - Condensation) / 0 ~ 40°C						
PHYSICAL								
Dimension (cm) (W x D x H)		30 x 78 x 72			40 x 80 x 118			
Weight (Kg)		130	160	203	225	273	304	320

* Specifications are subject to change without prior notice.

** Optional of Specifications

*** Model : U-LT/B31xxx are Parallel UPS.

Spec. STD.01-06-20



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