

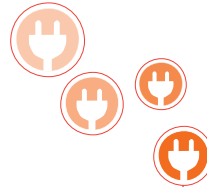


U-LT Series 1-15kVA

True On-Line Double Conversion Isolated UPS
U-LT11 — 1 Phase Input / 1 Phase Output

Features

- True On-line Double Conversion (VFI Class)
- Multiple CPU Intelligent Control
- Output Isolated with Transformer
- IGBT & PWM Inverted Technology
- Wide Input Voltage Range
- DC Cold Start Function
- Automatic & Manual Static Bypass Switch
- Advance Battery Charging Management
- Eco Design with High Efficiency & Low THD
- EPO Emergency Power Off Function
- UPS Hot Standby Serial Redundancy Capability
- Advanced No - Master - Slave N + X Parallel Technology (optional)
- UPS Management Software (optional)



Applications :

- Industrial Automatic Control
- Medical Instrument
- Office Automation
- Production Equipment
- Electronic & Telecom
- Aeronautics & Astronautics
- Army Technology
- Securities System
- Laboratory Equipment
- CNC & Wire cut & PLC

* SPECIFICATIONS : True On-line UPS with Isolated Transformer

		U-LT Series						
Appearance >								
MODEL ■								
***U-LT-S	Standard UPS ▶	1101S	1102S	1103S	1105S	1106S	1110S	1115S
***U-LT-L	Long Back-up UPS ▶	1101L	1102L	1103L	1105L	1106L	1110L	1115L
Power Rating	kVA	1	2	3	5	6	10	15
	kW	0.7 / **0.8	1.4 / **1.6	2.1 / **2.4	3.5 / **4	4.2 / **4.8	8	12
INPUT	-Rectifier							
Voltage (Vac)		100 / 110 / 120V or 220 / 230 / 240V ± 27% (1P2W + PE)			100 / 110 / 120V or 220 / 230 / 240V ± 25% (1P2W + PE)			
Frequency (Hz)		50 / 60 ± 10% (Selectable)						
Input Power Factor		> 0.97						
OUTPUT	-Inverter							
Voltage (Vac)		100 / 110 / 120V or 220 / 230 / 240V ± 1% (1P2W + PE)						
Frequency (Hz)		50 / 60 ± 0.1%						
Wave Form		Pure Sine Wave, THD < 2% (Linear Load)						
Power Factor		0.7 or **0.8						
Transfer Time		0 msec (Mains ↔ Inverter by Static Transfer Switch)						
Efficiency		> 95 % (AC To AC at Full Load)						
Crest Ratio		3 : 1						
Overload Capacity		125% Load or 60 Seconds, 150% Load for 30 Seconds						
BATTERY								
Voltage (Vdc)		48	96 / 192 (Optional)	192				
Battery	Type	Seal Lead - Acid Maintenance Free						
		Standard UPS ▶	12V 7Ah x 4	12V 7Ah x 8	12V 7Ah x 16	12V 7Ah x 32	12V 7Ah x 48	
	Long Back-up UPS ▶	External						
Charger	Recharge time :	5 Hrs To 90% With Quick Charging / 8 Hrs To 90% With Normal Charging Function						
	Current (A) :	1 / 4.5					3 / 4.5	
DC Bus Design		Insulated Structure To Protect Battery Short Circuit						
Back-up Time	Standard UPS ▶	10 ~ 30 Mins Depends On Load						
	Long Back-up UPS ▶	Back-up Time Can be as long as your battery set can afford						
OTHERS								
Communication Interface	Interface Ports :	RS232 & RS485 (2-in-1), Dry Contact (USB and SNMP are Optional)						
	UPS Software :	Monitoring And Management Software Support to All Major O.S., Including Windows, Linux, Sco - Unix & DOS						
Hot Standby System		Serial Connect Two UPS With Hot Standby System (Main UPS And Standby UPS) in Case of Main UPS Failure the Main UPS is Switched to Bypass Status and Standby UPS Supplier Power to the Load. If the Main UPS is in Bypass Status and the Standby UPS Failure. The Utility Supply Power to the Load.						
Remote Control (Optional)		Independent Digital Remote Control at The Distance of 1000 Meters Supported By RS485, which Realizes Remote Monitor Safe and Easy.						
Port Communication (Optional)		The Port Allows to Through 2A Currency, Convenient and Safe						
Parallel Function (Optional)		Random Extending or N+1 / N+X Redundancy Parallel Connection (Only Applicable to the Parallel Models)						
Display		LCD Display Input Voltage, Output Voltage, Load Capacity, Battery Voltage, etc. LED Indicates Running Status						
Alarm		Overload, Abnormal AC Input, Low Battery						
Protection		Auto Self - Test, EMI / RFI Noise Filter, Surge & Short Circuit, Low Battery, Overload, Over Temperature, Output Over Voltage, Output Low Voltage, Output Stabilizer						
Noise (dB)		≤ 45 At 1 M						
Working Temperature		0 ~ 45°C						
Relative Humidity		0 ~ 95% (No Condensation)						
PHYSICAL								
Dimension : Standard / Long Back-up W x D x H (mm)		230 x 620 x 470	230 x 635 x 690 / 230 x 620 x 470	610 x 230 x 610 / 610 x 230 x 470	610 x 230 x 610 / 610 x 230 x 470	400 x 800 x 1180 / 610 x 300 x 530	400 x 800 x 1180	
Weight (Kg) : Standard / Long Back-up		48 / 36	74 / 49	82 / 44	79 / 44	82 / 45	210 / 65	288 / 145

* Specifications are subject to change without prior notice.

** Optional of Specifications

*** 110V, 120V systems are available and with some different parameters.

*** PARALLEL UPS Model : U-LT/B

Spec. SPC.19-01-17



U PROTECT COMPANY LIMITED | บริษัท ยูโพรเทค จำกัด

No. 5, Soi Suprapong 3 Yak 4, Srinakarin Road, Nongbon, Praweth, BKK 10250.

Tel : 662-7433998 Fax : 662-7433997 Email : sales@u-pt.com, uprotect@u-pt.com

www.u-pt.com

