

High Power Series On-line LF UPS 10-80Kva

High Power series is a fully DSP controlled high-level industry UPS with capacity up to 800kVA.

Based on nowadays the most advanced DSP(TI 2833X CPU), MCU, CPLD ect ,and more than 20nos leading innovative technology ,this UPS has become a perfect robust and cost-effective power solution, optimizing the minimal operating cost for end users.

Its extremely high reliability can solidly ensure the continuous availability of power and safe operations for all types of critical load.

Fully DSP technology with extremely low cycle current,it can be parallel up to 8 units for redundancy or capacity expanding purpose.

Super reliability and excellent performance based on innovative solution,it definitely ensures your business away from any power problem!

MAIN FEATURES:

1. World Leading technology

- ◆ The state-of-art fully DSP technology with output isolation transformer
- ◆ Super wide input voltage/frequency range, adapt to harsh utility environments
- ◆ Soft start with settable time 6-100seconds , more compatible with generator
- ◆ Output power factor 0.9(1.0optional), and output short-tolerant capability
- ◆ Intelligent self diagnosis, mass memory(1000 events) to record operation log
- ◆ Super long MTBF \cong 200000 hours, and short MTTR
- ◆ Intelligent parallel up to 8 units and parallel ECO Mode.
- ◆ Most intelligent digital equal current parallel technology,self-load share algorithm
- ◆ Single Mode ECO and parallel ECO available
- ◆ Independent cooling system, muti-protection design, ensuring high reliability with kinds of harsh environments
- ◆ Output short-tolerant ability,
- ◆ ABM technology, extremely ripple current to extend battery lifespan
- ◆ Frequency convertor mode function
- ◆ Emergency Power Off(EPO)

2. Super Reliability

- ◆ Fully DSP control with output isolation transformer, super reliability.
- ◆ Redundant SPS,fan etc. design, enhancing system reliability.
- ◆ Build-in output isolation transformer, eliminate neutral to ground drifting voltage, and isolate load harmonic current influence to inverter.
- ◆ Besides highest design technology,only qualified famous brand components used.
- ◆ Conformal-coating PCB fixed in sealed box,keeping away from outside effect

3.Communication interface

- ◆ Build-in various communication connectors (RS232, RS485, AS400, EPO etc).
- ◆ Optional cards available: SNMP, battery management kit, lighting proof module, dust proof filter etc.

4. Easy Operation

- ◆ Front side maintenance, top or bottom wiring connection, with protective equipment.
- ◆ Friendly human machine interface, with 7inch touch screen .



5. Perfect Application:

- ◆ Small and middle Data centers
- ◆ Server-rooms, Finance & Insurance,
- ◆ Telecommunications,
- ◆ Education & Medical,
- ◆ Petroleum & Oil Chemical, Iron & Steel etc.
- ◆ Theater, Harbor, Transportation etc.
- ◆ Traffic facilities etc.

Capacity		10kVA	15kVA	20kVA	30kVA	40kVA	50kVA	60kVA	80kVA
		9kW	13.5kW	18kW	27kW	36kW	45kW	54kW	72kW
Input	Wiring connection	Three phase+Ground							
	Nominal voltage	380/400/415VAC							
	Voltage range	285VAC~498VAC							
	Frequency	50/60Hz							
	Frequency range	45-65Hz							
	Soft start	5-600sec settable							
	Power factor	0.95 (with input filter)							
Bypass	Nominal voltage	380/400/415VAC (Three phase+Neutral+Ground)							
	Frequency	50/60Hz± 10%							
	Voltage range	± 10%, ± 15%, ± 20% settable							
Output	Nominal voltage	380/400/415VAC (Three phase+Neutral+Ground)							
	Voltage regulation	± 1% (balance load) , ± 2% (100% unbalance load)							
	Power factor	0.9 (1.0 optional)							
	Dynamic response	± 5% (0~100% load transient)							

	Distortion	<1% (100% linear load) , <3% (100% non-linear load)								
	Transient response	<5ms								
	Sync. Range	$\pm 2\text{Hz}(\pm 0.5\text{---}\pm 3\text{Hz settable})$								
	Overload	105% continue, 110% 1Hr, 125% 10min, 150% 1min								
	Frequency	$\pm 0.05\%$								
	Waveform	Pure sine wave								
Efficiency	Inverter mode	Up to 92%								
	ECO mode	98%								
Parallel	N+X	Max 8 units								
Battery	Configuration	12V,32 pieces default(30~34pieces settable)								
Display	LCD + LED									
Physical	Dimension (mm)	Depth	720					750		
		Width	560					800		
		Height	1100					1400		
	N.W (Kg)		195	235	255	300	315	480	480	550
	G.W (Kg)		210	250	270	315	330	510	510	580
Environment	Temperature	0-40℃								
	Humidity	0-95% non condensing								
	Noise (1m)	67dB								
Connective	RS-232/(USB option)	Support windows2000/XP/7/Linux/Unix/Mac								
	SNMP	Support remote control through web browser								
Standard	Anti-thunder	D grade								
	Safety	IEC60950-1,IEC62040-1-1								
	EMC	IEC62040-2,IEC62040-3								

Note: Specification is subject to change without notice.

[Customized according to customer requirement available.](#)