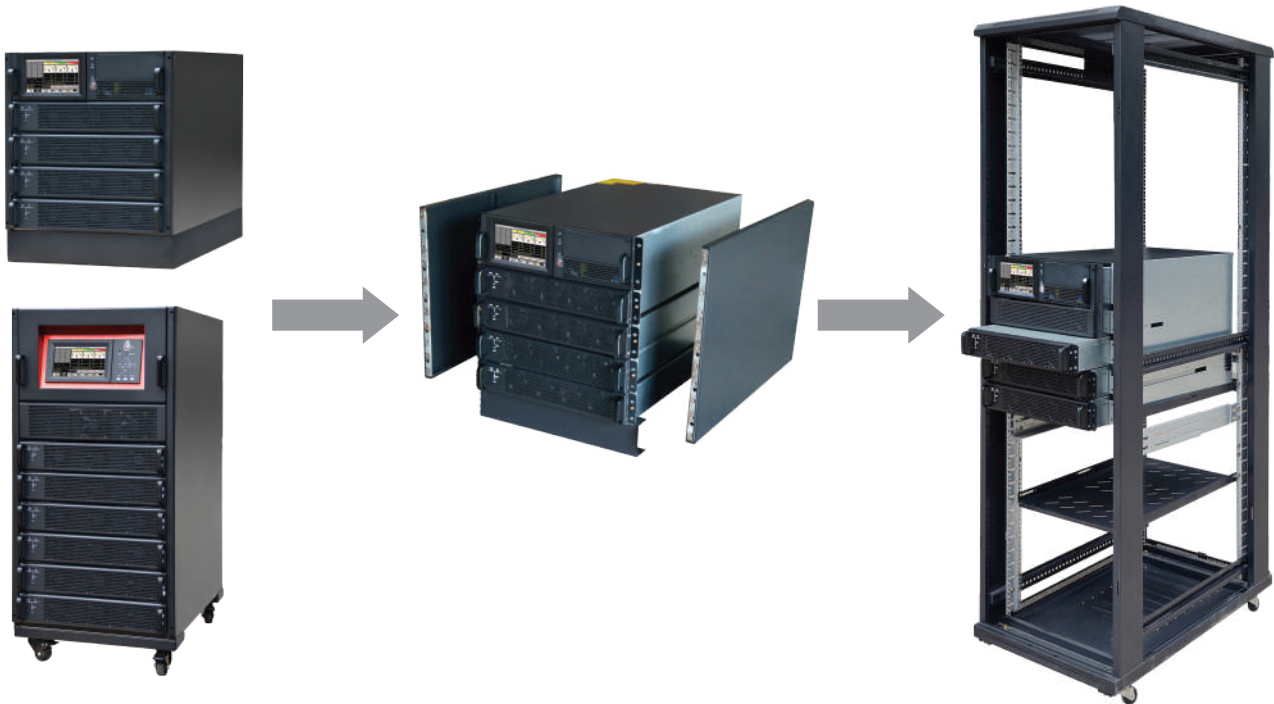


ELX Series MODULAR ONLINE UPS

ELX

10kVA/10kW - 90kVA/90kW (380V/400V/415V) Output PF=1.0

The standard 19" modular, scalable, hot-swappable, online double conversion UPS ranging from 10-90kVA, with its flexible configuration of 3/3, 3/1 and 1/1, compact structure, is the ideal choice for small and medium data centre.



Rack design

Modular design, compatible with 19" standard rack cabinet, convenient to integrated with servers

Flexible configuration

The system can be configured to 1/1 and 3/1 without derating or hardware changing

High power density

10/15KVA (10/15kW) power module in 2 U height Saving great amount of space, easy for capacity expansion
Friendly interface 7" touch colour LCD with graphic display, more information displayed for customer easier for customer to operate

Integrated solution for data centre

UPS can integrate with battery cabinet and PDU, offering excellent choice for data centre

Smart sleep function

System can intelligently shutdown some power modules to increase total load rate, achieving higher efficiency

Intelligent charging management

The system intelligently control the whole process of the charging and discharging, effectively improve the life time of the battery

Self-aging mode

Energy internal circle technology, system can run with full load ,assuming less than 10% energy

Mudular system with 10kVA/10kW power module



ELX - 10PM
Power module 10kVA/10kW



ELX - 20/10
System with 2 pcs.
power module



ELX - 40/10
System with 3 pcs.
power module



ELX - 60/10
System with 6 pcs.
power module

Mudular system with 15kVA/15kW power module



ELX - 15PM
Power module 15kVA/15kW



ELX - 30/15
System with 2 pcs.
power module



ELX - 45/15
System with 3 pcs.
power module



ELX - 90/15
System with 6 pcs.
power module

Capacity	ELX-20/10	ELX-40/10	ELX-60/10	ELX-30/15	ELX-45/15	ELX-90/15
	10kW-60kW			15kW-90kW		
Main Input						
Input voltage	"380V/400V/415V(line to line) 220V/230V /240V(line to neutral)"					
Input frequency	50/60Hz					
Power factor	>0.99					
Input voltage window	up 276Vac; down -40% (-20%,-30%, -40% selectable) -20%~-40% rated power derating from 100%~80%					
Frequency window	40-70Hz					
Input current THDi*	<4%					
Battery						
Battery voltage	±240VDC					
Charger power	20%*Active Power					
Charger voltage precision	1%					
Bypass						
Bypass voltage	"380V/400V/415V(line to line) 220V/230V/240V(line to neutral)"					
Bypass voltage window	-20%+15% default; -40%+25% selectable					
Bypass overload capability	125%, long time operation			110%, long time operation		
	125%< load <130%, last for more than 10 mins			110%< load <130%, last for more than 5 mins		
	130%<load<150%,last for more than 1 min			130%<load<150%,last for more than 1 min		
	load>150%, last for more than 300ms			load>150%, last for more than 300ms		
Output						
Output voltage	"380V/400V/415V(line to line) 220V/230V/240V(line to neutral)"					
Voltage precision	1.5%					
Voltage THD(Total Harmonic Distortion)*	THD<1%(linear load),THD<5.5%(nonlinear load)					
Power factor	1					
Phase tolerance	120°±0.5° (balance and unbalance load)					
Crest factor	3:1					
Overload capability	<102%, long time					
	110%, transfer to bypass after 60minutes					
	125%, transfer to bypass after 10 minutes					
	150%, transfer to bypass after 1 minute					
	>150%, transfer to bypass after 200ms					
System						
System efficiency*	Normal mode: 95%max					
	ECO mode: 99%					
Battery mode efficiency*	94,5%					
Display	7" touched colorful LCD+LED					
Language	Simplified Chinese, Traditional Chinese, English, Turkish,Korean, Russian, Polish, Portuguese					
IP class	IP20					
Interface (Communication Ports)	RS232,RS485,Dry contactor,SNMP card(optional),EPO,Parallel					
Installation/Connection	Back or bottom cable entry					
Operation temperature	0-45°C					
Storage temperature	-40°C~70°C					
Relative humidity	0-95% (non-condensing)					
Noise(dB)(1m away from front panel)	56dB(one module)			58dB(one module)		
Dimension(W*D*H)mm**	485*697*398	485*697*575	485*751*1033	485*697*398	485*751*575	485*751*1033
Net Weight(kg)	42	51	85	42	57	85
	Power module: ELX-10PM			ELX-15PM	436*590*85mm/15.5kg	

*Tested in 3/3 mode

**Typical dimension. Please refer to user manual if need detailed dimension.

What's special	1. ELX-10PM can be set as 1/1, 3/1, 3/3 and 1/3 power connection, 3/3 default. ELX-15PM power module can only be connected as 3/3.
	2. Bypass breaker and manual bypass breaker. Only manual bypass breaker in 3 / 6-modules cabinet.
	3. 19" rack installation
	4. Intelligent Hibernate
	6. Instant short protection
	7. self aging mode

Note: Products specifications are subject to change without further notice.