

Specifications:

Model		ELX1K	ELX1KL	ELX2K	ELX2KL	ELX3K	ELX3KL
Capacity	VA/W	1000VA/800W	1000VA/80W	2000VA/1600W	2000VA/1600W	3000VA/2400W	3000VA/2400W
Input	Nominal Voltage	110/115/120VAC or 200/220/230/240VAC					
	Voltage Range	60~138VAC or 115~300VAC					
	Frequency Range	50Hz : 46~54Hz : 60Hz; 56~64Hz					
	Phase	Single phase with Ground					
	Power Factor	≥0.97					
Output	Voltage	110/115/120 (1±2%) VAC or 208/220/230/240 (1±2%) VAC					
	Frequency	50/60Hz (Adjustable); 50Hz AC Mode: Follow AC, Battery Mode: 50Hz (1±0.2%) 60Hz AC Mode: Follow AC, Battery Mode: 60Hz (1±0.2%)					
	Wave Form	Pure sine wave					
	Power Factor	0.8					
	Harmonic Distortion	≤3% THD (Linear load); ≤7% THD (Non-linear load)					
	Overload Capacity	110%~150% maintain 30s then turn to bypass output, over 150% maintain 200ms					
	Current Crest Ratio	3:1					
	Connections	IEC320*4	IEC320*4	IEC320*6	IEC320*3 & Terminal block	IEC320*6	IEC320*3 & Terminal block
Efficiency	TO Battery Mode	83%					
	TO AC Mode	85%					
Battery	Type	Sealed free maintenance lead acid battery					
	Nominal DC voltage	Built in batteries 12V 7.0AH	36Vdc	Built in batteries 12V 7.0AH	96Vdc	Built in batteries 12V 7.0AH	96Vdc
	Quantity	3 PCS	Depend on requested back-up time	8 PCS	Depend on requested back-up time	8 PCS	Depend on requested back-up time
	Back-up Time (Full Load)	≥7min	Depends on the capacity of external battery bank	≥7min	Depends on the capacity of external battery bank	≥6min	Depends on the capacity of external battery bank
	Recharge Time	5 hours to 90% of capacity full discharge	Depends on the capacity of external battery bank	5 hours to 90% of capacity full discharge	Depends on the capacity of external battery bank	5 hours to 90% of capacity full discharge	Depends on the capacity of external battery bank
	Charge Current (MAX)	1.0 A	5.0A/ 8.0A	1.0 A	1.0 A	5.0A/ 7.0A	5.0A/ 8.0A
	Charge Voltage (VDC)	41.1V±0.4V	41.1V±0.4V	110V±0.6V	110V±0.6V	110V±0.6V	110V±0.6V

Bypass	Automatic Transfer	On overload and UPS failure					
	Before UPS Power-on	Default "ON" user adjustable to "YES"					
Transfer Time		0ms; less than 4ms from inverter to bypass and vice versa					
Indicators	LCD Display	UPS status, Battery capacity, loading, Fault code (LCD: I/P&O/P voltage&frequency, Battery voltage)					
Audible Alarm		Bypass, battery mode, Battery low, Overload, Fault					
Acoustic Noise	At 1 Meter Distance	<45dB		<50dB			
Communications	Intelligent RS232 serial port	Software support Windows family software, Linux, Sun network operating system,IBM Aix, Compaq True64 SGI IRIX, FreeBSD, HP-UX and MAC					
	SNMP (Optional)	Remote control UPS through SNMP management and Internet					
	USB (Optional)	Windows family software and Mac OS					
Network Surge Protection		RJ45 I/O port available for network or FAX/Telephone line/Modem					
Environmental	Operating Temperature	0~40℃					
	Operating Humidity	20-90% (No condensing)					
Weight	Net Weight (kgs)	11	5.5	26.5	10.5	27	11
UPS Dimension	L*W*H (mm)	370*145*220			455*195*340		