

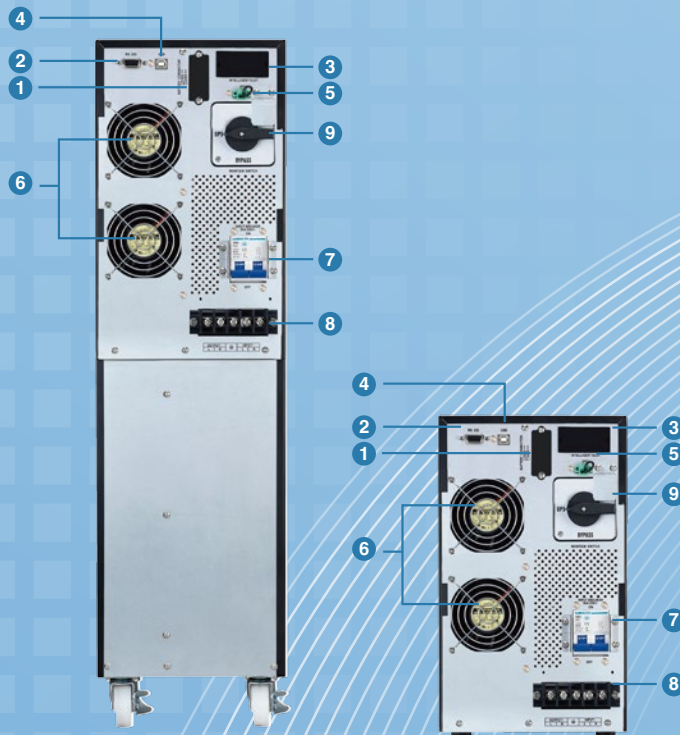


▲ EX 6 / EX 10K

▲ EX 6KL / EX 10KL

HIGH PERFORMANCE TRUE DOUBLE CONVERSION ONLINE UPS

- DSP control optimizes reliability
- High input power factor >0.99
- Output power factor 0.9
- Wide input voltage range
- Converter mode available
- Adjustable battery numbers
- Generator compatible
- Auto self-testing system
- Extenderable runtime
- Multiple communication ports
- power management software
- Optional SNMP, Reuy, WIFI Cards
- Maintenance bypass switch
- Adjustable charging current



6-10K

1. Battery connector
2. RS-232 communication port
3. Intelligent slot
4. USB communication
5. EPO port
6. Fan
7. Input breaker
8. Terminal block
9. Maintenance bypass switch

MODEL			EX 6K(L)	EX 10K(L)
CAPACITY*			6000 VA / 5400 W	10000 VA / 9000 W
INPUT	Voltage Range	Low Line Loss	110-300 VAC (Based on load at 50%) 176-300 VAC (Based on load at 100%)	
		Low Line Comeback	Low Line Loss Voltage + 10V	
		High Line Loss	300 VAC ± 3 %	
		High Line Comeback	High Line Loss Voltage - 10V	
	Frequency Range		46Hz ~ 54 Hz @ 50Hz system ; 56Hz ~ 64 Hz @ 60Hz system	
	Phase		Single phase with ground	
OUTPUT	Power Factor		≥ 0.99 at 100% Load	
	Output voltage		208/220/230/240VAC	
	AC Voltage Regulation		± 1%	
	Frequency Range (Synchronized Range)		46Hz ~ 54 Hz @ 50Hz system 56Hz ~ 64 Hz @ 60Hz system	
	Frequency Range (Batt. Mode)		50 Hz ± 0.1 Hz or 60Hz ± 0.1 Hz	
	Overload	AC mode	100%~110%: 30min; 110%~130%: 5min; >130% : 10sec	
		Battery mode	100%~110%: 3min; 110%~130%: 30sec; >130% : 10sec	
	Current Crest Ratio		3:1 max	
	Harmonic Distortion		≤ 3 % THD (Linear Load) ; ≤ 5 % THD (Non-linear Load)	
	Transfer Time	Line ↔ Battery	0 ms	
		Inverter ↔ Bypass	0 ms	
EFFICIENCY	AC mode		> 92%	> 93%
	Battery Mode		> 90%	> 91%
BATTERY	Standard Model	Battery Type	12 V / 9 Ah	
		Numbers	16 ~ 20	
		Recharge Time	9 hours recover to 90% capacity	
		Charging Current	Default : 1 A ± 10% Max.: 1A, 2A (Adjustable)	
	Long-run Model	Charging Voltage	218.4V± 1% ~ 273V ± 1%	
		Battery Type	Depending on applications	
		Numbers	16-20	
		Charging Current	Default: 4 A ± 10% Max.: 1A/2A/4A/6A (Adjustable, 6A is only available for 16pcs batteries)	
PHYSICAL	Standard Model	Dimension,DXWXH(mm)	442x 190 x 688	
		Net Weight (kgs)	74	76
	Long-run Model	Dimension, DXWXH(mm)	442x 190 x 318	
		Net Weight (kgs)	12	16
ENVIRONMENT	Operation Temperature		0 ~ 40° C (battery life cycle will be shorten when temperature is above 25° C)	
	Operation Humidity		<95 % and non-condensing	
	Operation Altitude**		<1000m	
	Acoustic Noise Level		Less than 55dB @ 1 Meter	Less than 58dB @ 1 Meter
MANAGEMENT	Smart RS-232 or USB		Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux, Unix, and MAC	
	Optional SNMP		Power management from SNMP manager and web browser	

* Derate capacity to 60% of capacity in CVCF mode and to 90% when the output voltage is adjusted to 208VAC.

**If the UPS is installed or used in a place where the altitude is above than 1000m, the output power must be derated one percent per 100m. Product specifications are subject to change without further notice.