



⧡ EX RT 1K
⧡ EX RT 1KL

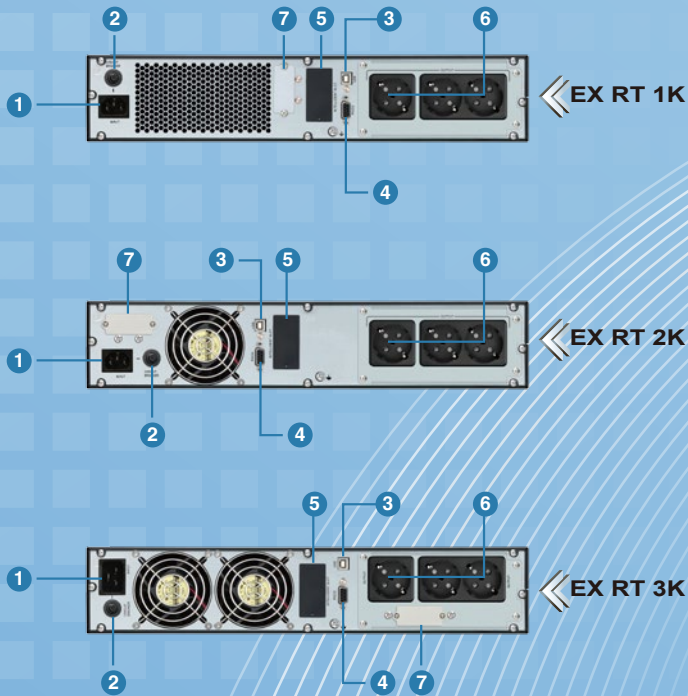
⧡ EX RT 2K
⧡ EX RT 2KL

⧡ EX RT 3K
⧡ EX RT 3KL

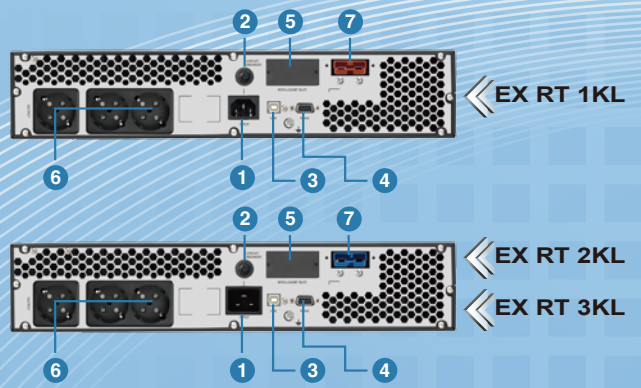
HIGH PERFORMANCE TRUE DOUBLE CONVERSION ONLINE UPS

- DSP control optimizes reliability
- High input power factor >0.99
- Output power factor 0.9
- Wide input voltage range
- Converter mode available
- Generator compatible
- Auto self-testing system
- Extendable runtime
- Multiple communication ports
- Power management software
- Optional SNMP, Relay, WIFI cards
- Temperature compensation
- Efficiency mode (ECO)
- Compact design

Standard Model:



Long-run Model:



1. Input socket
2. Input breaker
3. USB communication port
4. RS-232 communication port
5. Intelligent slot
6. Output socket
7. Battery connection
(only available for L model)

1-3K

MODEL			EX RT 1K(L)		EX RT 2K(L)		EX RT 3K(L)	
PHASE	PHASE		Single phase with ground					
CAPACITY	CAPACITY		1000 VA / 900 W		2000 VA / 1800 W		3000 VA / 2700 W	
INPUT	Nominal Voltage		208/220/230/240VAC					
	Voltage Range		110-300 VAC (Based on load at 50%) ; 176-300 VAC (Based on load at 100%)					
	Frequency Range		40Hz ~ 70 Hz					
	Power Factor		≥ 0.99 @ Nominal Voltage (100% load)					
OUTPUT	Output Voltage		208/220/230/240VAC					
	Voltage Regulation		± 1%					
	Frequency Range (Synchronized Range)		47 ~ 53 Hz or 57 ~ 63 Hz					
	Frequency Range (Batt. Mode)		50 Hz or 60Hz ± 0.5%					
	Current Crest Ratio		3:1					
	Harmonic Distortion		≤ 3 % THD (Linear Load) ; ≤ 6 % THD (Non-linear Load)					
	Transfer Time	AC Mode to Battery Mode	Zero					
		Inverter to Bypass	4 ms (Typical)					
	Waveform (Batt. Mode)		Pure Sinewave					
EFFICIENCY	To AC Mode		88%		89%		90%	
	To Battery Mode		83%		85%		88%	
BATTERY	Standard Model	Battery Type	12 V / 9 AH	12 V / 7 AH	12 V / 9 AH	12 V / 7 AH	12 V / 9 AH	
		Numbers	2	3	4	6	6	
		Typical Recharge Time	4 hours recover to 90% capacity					
		Charging Current (max.)	1.0 A					
	Long-run Model	Charging Voltage	27.4VDC ± 1%	41.0VDC ± 1%	54.7 VDC ±1%		82.1 VDC ±1%	
		Battery Type	Depending on applications					
		Numbers	3		6		6	
		Charging Current (max.)	1.0A/2.0A/4.0A/6.0 A					
PHYSICAL	Standard Model	Charging Voltage	41.0VDC ± 1%		82.1 VDC ±1%		82.1 VDC ±1%	
		Dimension, D x W x H (mm)	310 x 438 x 88	410 x 438 x 88			630 x 438 x 88	
	Long-run Model	Net Weight (kgs)	12	14.1	19	23	29.3	
		Dimension, D x W x H (mm)	310 x 438 x 88			410 x 438 x 88		630 x 438 x 88
		Net Weight (kgs)	9			12		14.2
		ENVIRONMENT	Humidity		20-90 % RH @ 0- 40° C (non-condensing)			
Noise Level			Less than 50dBA @ 1 Meter					
MANAGEMENT	Smart RS-232/USB		Supports Windows 2000/2003/XP/Vista/2008/7/8, Linux, Unix, and MAC					
	Optional SNMP		Power management from SNMP manager and web browser					

*Derate capacity to 70% of capacity in Frequency converter mode or when the output voltage is adjusted to 208VAC.
Product specifications are subject to change without further notice