

Rackmount / Rack Tower Features:

- ✓ Pure Sine Wave Online Double-Conversion
- ✓ Wide Input Voltage Range
- ✓ Output PF 0.9
- ✓ Active Input Power Factor Correction 0.99
- ✓ Frequency Mode: 50Hz/60Hz Converterable
- ✓ USB/SNMP/RS-232 Communication Interface
- ✓ SNMP Network Management Card (Optional)
- ✓ Emergency power off function (EPO) Available
- ✓ Eco mode operation for energy saving (ECO)



Knight Online Plus Rackmount / Rack Tower 120~220V Series

MODEL		KO Plus-1K R/T KO Plus-1KL R/T		KO Plus-1.5K R/T KO Plus-1.5KL R/T		KO Plus-2K R/T KO Plus-2KL R/T		KO Plus-3K R/T KO Plus-3KL R/T	
INPUT	Capacity	1KVA / 0.9KW		2KVA / 1.35KW		2KVA / 1.8KW		3KVA / 2.7KW	
	Phase	Single Phase with Ground							
	Nominal Voltage	100 / 110 / 115 / 120 / 127 VAC or 200 / 208 / 220 / 230 / 240 VAC							
	Voltage Range	55 ~ 150 VAC or 110 ~ 300 VAC (50% Load) 80 ~ 150 VAC or 160 ~ 300 VAC (100% Load)							
	Frequency	40 ~ 70 Hz							
OUTPUT	Wave Form	Pure Sinewave							
	Output Voltage	100/110/115/120/127 VAC or 200/208/220/230/240 VAC							
	AC Voltage Regulation	Battery Mode: +/-1%							
	Frequency	Line Mode: 47 Hz ~ 53Hz or 57Hz ~ 63Hz. Battery Mode: 50Hz or 60Hz (±0.1Hz)							
	Transfer Time	AC to Battery Mode: 0 Inverter to Bypass: 4 ms							
	Harmonic Distortion	≤ 2% THD (Linear Load) ≤ 4% THD (Non-Linear Load)							
BATTERY	Battery Type	Maintenance Free Sealed Lead-Acid Battery							
	DC Voltage	24V	36V	36V	48V	72V	72V	72V	72V
	Capacity	12V / 9.0Ah x 2 pcs	12V / 7.0Ah x 3 pcs	12V / 9.0Ah x 3 pcs	12V / 7.0Ah x 4 pcs	12V / 7.0Ah x 6 pcs	12V / 9.0Ah x 6 pcs	12V / 9.0Ah x 6 pcs	12V / 9.0Ah x 6 pcs
	Recharger Time	Approx. 4 Hours to 90% Capacity Recovery							
	Charging Volt. (+/-1%)	27.4 VDC	41.1 VDC	41.1 VDC	54.8 VDC	82.1 VDC	82.1 VDC	82.1 VDC	82.1 VDC
	Built-In Charger	1.5 A (max)							
		Long-Run Type							
	Charging Volt. (+/-1%)	27.4 VDC	41.1 VDC	41.1 VDC	54.8 VDC	82.1 VDC	82.1 VDC	82.1 VDC	82.1 VDC
	Built-In Charger	1A/2A/4A/6A/8A (Adjustable)							
	Battery Handle	Fully Recharge UPS After Complete Discharge or Every Three Months When Stored							
DISPLAY	LCD	Load Level, Battery Level, AC Mode, Battery Mode, Discharging Time, I/P & O/P Volt., Fault Indicators							
AUDIBLE ALARM	Overload	Beep Sound Every 1 Second							
	Battery Mode	Beep Sound Every 5 Seconds							
	Battery Low	Beep Sound Every 2 Seconds							
	Faulty Conditions	Beep Sound Continuously							
INTERFACE	USB/Smart RS232	Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8/10, Linux, MAC							
	SNMP Card (Optional)	Power Management via SNMP Manager & Web Browser							
ENVIRONMENT	Humidity (@0- 40°C)	20-90 % RH @ 0- 40°C (Non-condensing)							
	Acoustic Noise	< 50 dB at 1mt							
DIMENSIONS	Standard (W x H x D) (mm)	438*88*410		438*88*410		438*88*510		438*88*630	
	Long-run (W x H x D) (mm)					438*88*410		438*88*510	
NET WEIGHT	Standard (kgs)	11.6	14.2	14.5	19.5	26.9	27.4	27.4	27.4
	Long-run (kgs)	6.4		6.5	6.5		10.5		

* Specification Subject to Change without Prior Notice.