

Appendix 1 : Technical Specifications

Model		N-1K	N-2K	N-3K
Power Rating		1kVA/0.9kW	2kVA/1.8kW	3kVA/2.7kW
Waveform		Pure Sine Wave		
Input	Nominal Voltage	220/230/240 Vac		
	Voltage Range	175 ~ 280 Vac (100% load); 80 ~ 175 Vac (50% ~ 100% load)		
	Frequency	50/60 Hz \pm 10 Hz		
	Power Factor	> 0.99 (full load)		
	iTHD	< 3%		
Output	Power Factor	0.9		
	Voltage	220/230/240 Vac		
	Voltage Regulation	\pm 2% (linear load)		
	Frequency	50/60 Hz \pm 0.05 Hz		
	vTHD	< 3% (linear load)		
	Overload Capability	< 105%: continuous; 105% ~ 125%: 1 minute; 125% ~ 150%: 30 seconds		
	Cress Factor	3:1		
	Connection Suffix B0B1	IEC C13 x 4	IEC C13 x 6, C19 x 1	
	Connection Suffix B1B1	Brazil socket x 3	Brazil socket x 4	
	Connection Suffix B0B2	Argentina socket x 3	Argentina socket x 4	

Model		N-1K	N-2K	N-3K
Efficiency	Online Mode	91%	Up to 93%	
Battery	Battery Voltage	24 Vdc	48 Vdc	72 Vdc
	Backup Time (Typical) *	Up to 7 Min.		
	Recharge Time	4hrs to 90%		
Audible Noise		< 45 dBA	< 48 dBA	< 48 dBA
Display		LED indicators & LCD display		
Communication Interfaces		MINI Slot x 1, USB Port x 1		
Physical	Dimensions (W × D × H)	145 x 320 x 225 mm	190 x 390 x 325 mm	190 x 390 x 325 mm
	Weight	9 Kg	18.6 Kg	24.4 Kg
Environment	Operating Altitude	1000 meters (without derating)		
	Operating Temperature	0 ~ 40°C		
	Relative Humidity	5% ~ 95% (non-condensing)		



NOTE :

1. *: When the total load reaches 75%.
2. Please refer to the rating label for the safety rating.
3. All specifications are subject to change without prior notice.