

Technical Specifications

E Series, Single Phase

Model		E-1K	E-2K	E-3K
Power Rating		1kVA/700W	2kVA/1400W	3kVA/2100W
Input	Nominal Voltage	230 Vac (single phase)		
	Voltage Range	80 ~ 280 Vac (full load) *		
	Frequency	40 - 70 Hz		
	Power Factor	> 0.97		
	Electrical Connection	IEC320 C14	IEC320 C20	IEC320 C20
	Voltage	230 Vac (single phase)		
Output	Voltage Regulation	± 2%		
	Frequency	50 or 60 ± 0.05 Hz		
	Transient Response	< 8% (10 ~ 90% linear load)		
	Voltage Harmonic Distortion	≤ 3% (linear load)		
	Overload Capability	105 ~ 125%: 3 minutes; 125 ~ 150%: 30 seconds; > 150%: ≥0.5 second		
	Receptacle	India type 10A x 2		
Battery	Rating Voltage	36 Vdc	72Vdc	72Vdc
	Charge Current	Built-in: 4A (adjustable) Extra charger (optional): 4A (external installation)		
	Electrical Connection	Terminal block		
Interface	Standard	RS232 x 1, Smart slot x 1		
Conformance	Safety & EMC	CISPR 22 Class A		
Other Features	AC-start & Battery-start	Yes		
	External Battery Pack	Optional		
Efficiency	AC-AC	> 87% (full load)		
Environment	Operating Temperature	0 ~ 40°C		
	Relative Humidity	0 ~ 90% (non-condensing)		
	Audible Noise (at one meter)	45 dBA	54 dBA	54 dBA
Physical	Dimensions (WxDxH)	140 x 362 x 267 mm		
	Weight	5 kg	7 kg	7 kg

* Lower range 80 ~ 175 Vac is acceptable under 50 ~ 100% loading condition.
All specifications are subject to change without prior notice.

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