



Eon Series



STERLING POWER SOLUTIONS



ITS FEATURES

Specifications - EON Series

Capacity	1 KVA	2 KVA	3 KVA	6 KVA	10 KVA	20 KVA
Output Power	0.8 / 0.9* KW	1.6 / 1.9* KW	2.4 / 2.9* KW	5.4 / 6.0* KW	9 / 10* KW	18 / 20* KW

INPUT

Input Wiring	Single Phase, Three wires (1 P + N + PE)	Three Phase, Five wires (3P+N+PE)
Voltage Range	170 - 270 VAC	415 VAC $\pm$ 15%
Power Factor	$\geq$ 0.99	
Bypass Voltage Range	-40% - + 15% (Selectable)	
Total Harmonic distortion (THDi)	$\leq$ 5%	

OUTPUT

Output Wiring	Single Phase, Three wire (1 P + N + PE)
Rated Voltage	110* / 220/230/240 VAC
Voltage regulation	$\pm$ 1%
Frequency	Synchronised to bypass in mains mode ; 50 / 60 Hz $\pm$ 1% on battery mode
Waveform	Sinusoidal
Total Harmonic distortion (THDv)	<2% (linear load) : <5% (non-linear load)
Crest factor	3:1
Overload	105% - 110% for 10 min, 110%-125% for 1 min, 126%-150% for 30s

BATTERIES

DC Voltage	36	72 / 96	72 / 96	192	192	192 / 240	240
Charging Current	Built in Model: 1 A; Long time model: 5 A (default), 1 ~ 5 A settable, 12A (optional)						
Recharge time	Standard Model: 90% capacity restored in 8 hours:						
	Long time Model: depend on the capacity of battery						

SYSTEM

Efficiency	$\geq$ 92% @ 100% load, Max. 94% @ 60% load, $\geq$ 98% in Eco mode.
Transfer time	0 ms
Protections	Short-Circuits, Over load, Over Temp., Battery Low Voltage, Over Voltage, Under Voltage & Fan
Max. number of parallel connections	4
Communications	Rs232 (Standard), USB / Rs485 / Dry contacts / SNMP / Battery Temp. compensation (Optional)
Display	LCD + LED

OTHERS

Operating temperature	0 C ~ 40 C					
Storage temperature	-25 °C-55 °C (without battery)					
Relative humidity	0-95%(non-condensing)					
Altitude	<1000m, derating 1% for each additional 100m					
IP rating	IP 20					
Noise level at 1 m	<55dB					
Dimensions (W x D x H) (mm)	397 x 145 x 220	421 x 190 x 318		262 X 580 X 455(S), 262 X 580 X		262 x 580 x 628
Net weight (kg)	6.3 / 12 (BIB)	10.5 / 22.5 (BIB)	11.7 / 32.2 (BIB)	25 (H)	73 (S)	38.5 (H)

- *On Customised UPS
- All Specifications are subject to change without Prior notice.

CONTACT US



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