

Model		Lumainance I/E				
Capacity		1KVA/700W	2KVA/1400W	3KVA/2100W	6KVA/4200W	10KVA/7000W
Input	Voltage Range	When load<70%, range is 115±5VAC~295±5VAC			176±5VAC ~276VAC±5VAC	
		When load≥70%, input range is 160±5VAC~295±5VAC				
	Frequency	46-54Hz±0.5Hz or 56-64Hz±0.5Hz auto sensing				
	Phase	Single phase				
	Input Power Factor	≥0.97			≥0.98	
Output	Voltage Range	220/230Vac±2%			220Vac±1%	
	Frequency Range	50/60Hz±0.2%				
	THD (Linear load)	<3%			<2%	
	THD (non-Linear load)	<6%				
	Overload Capacity	>110% 30s turn to bypass mode;>150%,300ms turn to bypass			105%~130%,10min >130% 1S turn to by pass mode	
	Crest Factor	3:1(max)				
	Short Circuit Protection	5 cycles turn off inverter, no transfer to bypass, provide alarm(AC mode) 5 cycles turn off inverter, provide alarm(battery mode) Input fuse blown or breaker action				
	Waveform	Pure sine wave				
	Transfer Between AC Mode and Battery Mode	0 ms				
	Transfer Between AC Mode and Bypass Mode	Transfer time:4ms (typical 2.5ms)			<0ms	
	Efficiency	≥83%	≥85%		≥88%	
Battery	DC Voltage	36VDC	96VDC		240VDC	
	Battery (I Models)	3×12V/7AH	8×12V/7AH		20×12V/7AH	-
	Charge Current (I Models)	0.7A			1A	-
	Charge Current (E Models)	7.5A			5A	
	Recharge Time	90%capacity after 8 hrs chargine				
Communication Interface		RS232 ; SNMP (optional)				
LCD Indication		input voltage/frequency/battery voltage /output voltage/frequency load Watt/VA value and percent/inverter temperature1 . 2.operation mode such as online on batt or on bypass				
LED Indication		1.Green led for normal operation2.Yellow led for warning condithon3.Red led for abnormal operatin				
Noise Level		<45dB			<55dB	
Environment	Temperature	0°C~40°C				
	Humidity	0%~95% (condensing)				
	Altitude	<1500m				
	Storage Temperature	-25°C~55°C			-40°C~50°C	
	Dimension (W×D×H)mm	144×419×215	191×478×339	191×478×339	270×570×720	270×570×720
	Weight(I)	14/16Kg	33/35Kg	34/36Kg	89/104Kg	92/107Kg
Other	Weight(E)	7.5/9Kg	14/16Kg	15/17Kg	34/48Kg	36/51Kg