

Specifications

Spec Category	Parameter	Model	INVT4830E	
DC Input	System Voltage(V)		48V	
	DC Input Voltage Range(V)		42~58V	
AC Output	Output Wave		Pure Sine Wave	
	Output Rated Voltage(V)		230Vac/115Vac	
	Output Rated Power (kW)		3	
	Maximum Efficiency		88%	
	Output Voltage Accuracy		±3%	
	AC Voltage Frequency (Hz)		50/60 ±5%	
	Waveform Distortion (THD)		linear load ≤3%	
	Inverter Overload Capacity		125% 60 sec,150% 10 sec shutdown	
Electrical Protection	Deep Discharge Protection		38±0.3V	
	Over Voltage Protection		60±0.3V	
	Reconnection Deep Discharge		43±0.3V	
	Reconnection Over Voltage		58±0.3V	
		no reverse polarity protection for the battery		
		over voltage, over current, over temperature		
	Short Protection:Inverter auto shutdown & return			
Display		LED/LCD		
General	Protection Grade		IP21	
	Ambient Temperature		-10℃~+45℃	
	Ambient Humidity		0~90% (noncondensing)	
	Cooling		Force air cooling	
	Noise		≤50dB	
	Operating Elevation		2000m(Rising every 100m derating 1%)	
	Conform EMC		IEC61000-6-2/-4、FCC (CFR-2010-title47-vol1-part15B)	
	Conform Certification		CE/UL	