

10kW Inverter tech specs

H⁴V10000

Category	Specification	Unit	Value	Notes
Inverter	Input voltage range	V DC	20-30	
	Nominal battery voltage	V DC	25.6	
	Output voltage	V AC	230	±2%
	Output frequency	Hz	50	±0.01%
	Continuous output at 25°C	W	10000	At unity power factor
	Continuous output at 40°C	W	10000	At unity power factor
	Continuous output at 65°C	W	TBA	At unity power factor
	Peak power	W	16000	3 secs
	Input current	A DC	404	
	Maximum cont. Output current	A AC	44	
	Power factor range		-1 to 1	
	Maximum output fault current	A	100	
	Maximum efficiency	%	97	
	Zero load power	W	20	Ideally, TBA
	AC Output Connector		Proprietary	Connection to Rack
	Solar charge input voltage	V DC	100	
	Solar charge input max current	A	250	
	Solar charge input connector		Proprietary	
	Fan speed	RPM	0-13000	Automatically controlled
Communications	NMEA2000		Yes	Micro-C
	USB		Yes	USB-A
	Ethernet		Yes	10/100
	Fibre Optic		Yes	IF-D91B "Connector less" Generator controller
Physical	Dimensions	HxWxD mm	495x200x456	Does not include rack
	Weight	kg	24	
Environmental	Protection		IP20	
	Operating temp - Full power	°C	-30 to +45	
	Operating temp	°C	-30 to +60	
	Operating humidity	%	TBA	
	Storage temp	°C	-40 to +80	
Standards & Compliance	Safety		EN 62109-1 & 2	
	Emissions		EN-IEC 60945	
	Others		ABYC, CE	



Dimensional Drawing

