

Controller & Inverter Device		SNS-0.3K10C
Appearance		
Rated capacity (KVA)		0.3
DC Input	Input nominal voltage(V <sub>DC</sub> )	24.0
	Low voltage protection	21.6
	Recovery voltage(V <sub>DC</sub> )	25.6
	Over-voltage protection	35
	Recovery voltage(V <sub>DC</sub> )	34
controller	Max input current	10A
	Charging mode	PWM
	Max open circuit voltage(V <sub>DC</sub> )	40
	Charging approach	2
	Over-charging protection(V <sub>DC</sub> )	28.8
	Recovery voltage(V <sub>DC</sub> )	28.4
AC Input	Input voltage (VAC)	170~255(±2%)
	Frequency (HZ)	50/60(±1%)
	Switching mode (optional)	Power grid as priority/inverter as priority
	Switching time (ms)	≤10
Inverter	Output power (KW)(liner load)	0.4
	Output waveform	Sine wave (liner load)
	Output voltage	220±5%(VAC)
	Output frequency	50/60(±3%)
	voltage (THD)	≤5%(liner load)
	Total harmonic distortion	≤3%
	100%~120% over-load	Shut off in 1min
	>120% over-load	shut off in 1s
	Static consumption	≤0.1A
	Dynamic response (1-100%)	5%
	Current peak factor	3:1
Peak efficiency	≥85%	
Protection	Low-voltage、over-voltage、over-load、short-circuit、overheating、false connection and etc	
Display	LCD/Digital display	
Communication	RS485(optional)	
Heat dissipation method	Forced-air colling	
Operating environment	noise(dB、1m)	≤50
	Ambient temperature(°C)	-20°C~+45°C
	Relative humidity	≤95%, non condensation
	Altitude	≤5000m(>1000m deated)

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