

JSKN Solar Inverter



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> TECHNICAL PARAMETER

SPECIFICATION	MODEL	JSKN-10KVA
AC BYPASS (with AC model)		
Input AC Voltage(Vac)		220V/110V
Input AC Range(Vac)		165V-270V / 80-140V
Input Frequency Range(Hz)		Same as input frequency
Input Current(A)		48.5A / 100A
Charge Current(A)		10A
Transfer Time(ms)		≤10ms
Output voltage (VAC)		Same as input voltage
Battery		
Battery built inside DC (V)		96V
Battery type		Maintenance free Lead acid battery
over charge protected voltage(VDC)		115.2±0.4V
over charge back voltage(VDC)		108.8±0.4V
over discharge protected voltage(VDC)		86.4±0.4V
Low Battery Alarm(VDC)		88.0±0.4V
Low Battery Comeback(VDC)		105.6±0.4V
High Battery Alarm(VDC)		115.2±0.4V
High Battery Back(VDC)		108.8±0.4V
High Battery Shut-down(VDC)		115.2±0.4V
OUTPUT (in battery mode)		
Output Power(W)		8000
Output Voltage(VAC)		AC 220V±5% (in battery model) / 110V +/-5% (in battery mode)
Output frequency(HZ)		50HZ±1% (in battery mode)
Output Power factor		0.8
output wave form		Pure sine wave
overload & shortage protection		yes (Overload 110% , lasts 1 minutes after power shutdown)
Output overload capacity		over load 150%, 1s later shutdown
Inverter Efficiency		>82%
Output Voltage Dynamic Response		≤5%
Transient Response Recovery Time		≤60mSec. (90% when Stable status)
Solar Charge Features		
Solar Input Voltage Range(VDC)		200VDC Max
Charge Current(A)		10A/20A/40A/60A/80A (optional,controller price will be extra added)
Fast Charge Voltage(VDC)		113.6±0.4V
Float Charge Voltage(VDC)		110.4±0.4V
Overcharge Voltage Protection(VDC)		115.2±0.4V
Overcharge Voltage Comeback(VDC)		108.8±0.4V
PROTECTION		
Protection		overload/ overvoltage/ lowbattery/ lowvoltage Input low/ high voltage/ short current protection
AMBIENT		
Noise(dB)		< 55dB (1 meter)
working Temperature		-20℃~50℃
Humidity		0~95% (no condensation)
Sea Level(m)		≤1500