

JS Series Low Frequency Sine Wave Inverter



- Overload and short circuit protection
- Cold start function
- Wide input voltage range(145-280VAC)
- Pure sine wave output
- LCD/LED option
- Built in AVR.
- Max charge current 25A.



Specification

MODEL		JS-C0312T	JS-C0512T	JS-C0812T
Default Battery System Voltage		12VDC		12VDC
INVERTER OUTPUT	Rated Power	300W	500W	800W
	Waveform	Pure sine wave		
	Nominal Output Voltage RMS	100V/110V/120VAC 220V/230V/240VAC(+/-10% RMS)		
	Output Frequency	50Hz/60Hz +/-0.3 Hz		
	Inverter Efficiency(Peak)	>80%		
	Line Mode Efficiency	>95%		
	Power Factor	1.0		
	Typical Transfer Time	Typical 2~6ms ,10ms max		
AC INPUT	Nominal Voltage	100V/110V/120VAC 220V/230V/240VAC		
	Voltage Range	96~132VAC/145~275VAC(For Personal Computers)		
	Frequency Range	50Hz/60Hz (Auto sensing 44-68Hz)		
BATTERY	Nominal Input Voltage	12VDC		12VDC/24VDC
	Minimum Start Voltage	10.5VDC /21.0VDC		
	Low Battery Alarm	10.5±0.3V /21.0VDC±0.6V		
	Low Battery Cutoff	10.0VDC±0.3V /20.0VDC±0.6V		
	High Voltage Alarm	15.5VDC±0.3V /31.0VDC±0.6V		
	High Battery Voltage Recover	15.0VDC ±0.3V /30.0VDC±0.6V		
CHARGER	Charger Voltage	14.0V ±0.2/28.0V±0.4		
	Overcharge Protection S.D.	15.5VDC/31.0VDC		
	Maximum Charge Current	15A~25A		
BYPASS & PROTECTION	Nominal Input Frequency	50Hz or 60Hz		
	Overload Protection (SMPS Load)	IPS automatically shutdown if overload exceeds 120% of normal value for 30 seconds IPS automatically resume work if overload comes back to rated load		
	Output Short Circuit Protection	FUSE		
	Bypass Fuse Rating	10A		
	Max Bypass Current	10Amp		
MECHANICAL SPECIFICATIONS	Dimensions (W*H*D)	265*120*295mm		
	Net Weight (kg)	7.0kg	9.5kg	12kg
	Shipping Dimensions(W*H*D)	316*185*377mm		
	Shipping Weight (kg)	7.5kg	10kg	12.5kg
OTHER	Operation Temperature Range	0°C to 40°C		
	Audible Noise	60dB MAX		
	Display	LED or LCD Optional		
	Standard Warranty	1 year		
	Loading(20GP/40GP/40HQ)	1200pcs / 2400pcs / 2800pcs		