



# Hybrid Solar Inverter Series

## Product Parameters

Model (XD-SJW-T)		50112/20	70112/30	10212/40	15224/48	20224/48	30224/48	40248/96	50248/96	60248/96	70296
Rated Power		500W	700W	1000W	1500W	2000W	3000W	4000W	5000W	6000W	7000W
Battery Voltage		12/24VDC			24/48VDC			48/96VDC			96VDC
Dimension (L X W X H,mm)		408X296X130		470X316X130		560X388X150		620X400X181			
Packing Dimension (L X W X H,mm)		495X365X220		555X385X220		665X460X235		700X485X265			
Net Weight (kg)		8.5	9.5	10.5	14	17	20	25	26	30	34
Gross Weight (kg)		10	11.5	13	16	19	22	27	28	32	36
Input	DC Input Voltage Range	10.5 ~ 15VDC (Single Battery Voltage)									
	AC Input Voltage Range	73VAC~138VAC / 76VAC~144VAC / 93VAC~150VAC / 145VAC~275VAC / 152VAC~288VAC / 158VAC~300VAC									
	AC Input Frequency Range	45Hz ~ 65Hz									
Output	Efficiency (Battery Mode)	≥ 85%									
	Output Voltage (Battery Mode)	110VAC ±2% / 120VAC ±2% / 220VAC ±2% / 240VAC ±2%									
	Output Frequency (Battery Mode)	50 / 60Hz ±1%									
	Output Wave (Battery Mode)	Pure Sine Wave									
	AC Output Voltage Range	110VAC±10% / 115VAC±10% / 120VAC±10% / 220VAC±10% / 230VAC±10% / 240VAC±10%									
	AC Output Frequency Range)	Tracking Automatically									
Inside Solar Controller (Optional)	Charging Mode	PWM		MPPT or PWM							
	Charging Current	10A/20A/30A		10A / 20A / 30A / 40A / 50A / 60A							
	PV Input Voltage Range	12V System: 15V-44V, 24V System: 30V-44V, 48V System: 60V-88V									
	Max. PV Input Voltage(at 25°C)	12V/24V System: 50V, 48V System: 100V									
	PV Array Maximum Power	12V System: 140W,280W,420W,560W,700W,840W 24V System: 280W,560W,840W,1120W,1400W,1680W									
Working Mode		Battery First / AC First / Saving Energy Mode									
AC Charging current (selectable)		0 ~ 30A									
Transfer Time		≤ 4ms									
Display		LCD									
Thermal Method		Cooling Fan in Intelligent Control									
Working Mode		AC First / Battery First / Saving Energy Mode									
Battery Type	LEAD	Charge Voltage:14V; Float Voltage:13.8V (Single battery voltage, x2 for 24V, x4 for 48V)									
	OP-LE	Charge Voltage:14.2V; Float Voltage:13.8V (Single battery voltage, x2 for 24V, x4 for 48V)									
	LITHIUM	Charge Voltage:13V; Float Voltage:12.6V (Single battery voltage, x2 for 24V, x4 for 48V)									
	Remark	The charging parameters of other types battery can be user-defined									
Protection		Over-Load, Over-Discharge, Short Circuit, High Temperature, Reverse Polarity									
Communication		RS232, RS485 (Optional)									
Environment	Temperature	-10°C ~ 40°C									
	Nose	≤ 55db									
	Humidity	0 ~ 95% (No Condensation)									

Note : All specifications are subject to change without prior notice

## Product Certification: CE, IEC

### Application Area

- Domestic application: Fan, Lamp, ice Cooker etc.
- Office Equipment: Computers, Printers etc.
- Electric Communications: DVD, Monitoring device Communication
- Electric Tools: Electric Drill, Punching Machine, Water pump etc.
- Vehicle and ship equipment: Ambulances, Ships, Traffic Light etc.
- Emergency power supply: Standby power supply

### Feature

- Pure sine wave output
- Low frequency toroidal transformer lower loss
- Brand new wide LCD screen, clearly and precisely shows working data.
- Three -stage charging: Constant current , constant voltage, float charge.
- Three types working modes; Battery type selectable
- Added fault code query function, easy to monitor the operation in real time
- Supports RS232 or RS485 communicateion port.

