



Model		LW-INV-HY-6KVA	LW-INV-HY-12.4KVA	LW-INV-HY-22KVA
Input	Input Sources	L+N+PE		
	Rated Input Voltage	220/230/240VAC		
	Voltage Range	90-280VAC±3V (APL Mode) 170-280VAC±3V (UPS Mode)		
	Frequency	50Hz/60Hz (Auto Adaptive)		
Output	Rated Capacity	3000W	6200W	11000W
	Output Voltage	220/230/240VAC±5%		
	Output FreguenCy	50/60Hz±0.1%		
	Waveform	Pure Sine Wave		
	TransferTime (adjustable)	Computers (UPS Mode) 10ms, Appliance (APL Mode) 20ms		
	Peak Power	6000VA	12400VA	22000VA
	Peak Efficiency (battery Mode)	>94%	>98%	>98%
Battery	Battery Votage	24Vdc	48Vdc	48Vdc
	Constant Charging Voltage (Adjustable	28.2Vdc	56.4Vdc	56.4Vdc
	FloateCharging Voltage (Adjustable)	27Vdc	54Vdc	54Vdc
Chargers	PV Charging Mode	MPPT	MPPT	MPPT Dual MPPT
	MAX. PV Input Power	5000W	6200W	2*5500W
	MPPT Tracking Range	60-500Vdc	60-500Vdc	90-500Vdc
	Best voltage	300-400V	300-400V	300-400V
	MAX. PV Input Voltage	500Vdc	500Vdc	500Vdc
	MAX. PV Charging Current	100A	120A	150A
	MAX AC Charging Current	60A	100A	150A
	MAX. Charging Current	100A	120A	150A
Display	LCD Display	Display Running Mode/Loads/Input/Output etc.		
Interface	RS232	Baud Rate2400		
	Communication Port	Lithium Battery BMS Communication Card WifiCard, Dry Contact		
	Parallel Connect Interface	Without Parallel Connect	With Parallel	
Environments	Operating Temperature	-10 - 50℃		
	Humidity	20%-95% (Non-condensing)		
	Storage Temperature	-15-60℃		
	Altitude	Altitude Not Over1000m, Derating over 1000m, Max 4000m, Refer to IEC62040		
	Noise	≤50db		