

LW Hybrid MPPT Solar Inverter

Model			LW-INV-HY-7.2KVA		LW-INV-HY-12.4KVA	LW-INV-HY-22KVA
Input voltage	Input Formation	L+N+PE				
	AC Input	220/230/240VAC				
	Input Voltage Range	90-280VAC±3V （Normal Mode） 170-280VAC±3V （UPS, UPS Mode）				
	Frequency	50Hz/60Hz(Adaptive)				
Out put	Rated Power		3600W		6200W	11000W
	Output Voltage	220/230/240VAC±5%				
	Output Frequency	50/60Hz±0.1%				
	Output Wave	Pure Sine Wave				
	设计)Transfer Time(Adjustable)	10ms, 20ms 10ms for Computer Equipment, 20ms for Household Equipment				
	Peak Power		7200VA		12400VA	22000VA
	Overload Ability	Battery Mode: 21s@105%~150% Load;11s@150%~200% Load;400ms@>200% Load				
	Rated Voltage		48Vdc		48Vdc	48Vdc
Battery	Constant Charging Voltage(Adjustable)		56.4Vdc		56.4Vdc	56.4Vdc
	Folat Charging		54Vdc		54Vdc	54Vdc
	PV PV Charging Method	MPPT				MPPT*2
Charger	PV Max PV input		6200W		6200W	2×5500W
	MPPT Tracking Range	60-500Vdc			60~500Vdc	90~500Vdc
	Vmp Best VMP Working Range	300~400Vdc			300~400Vdc	300~400Vdc
	PVMax PV input Voltage	500Vdc	500Vdc		500Vdc	500Vdc
	PV Max PV Charge Current	18A			18A/18A	18A/18A
	Max PV Charge Current		100A		120A	150A
	Max AC Charge Current		80A		100A	150A
	Max Charge Current		120A		120A	150A
Display	LCD	Can Display operating mode/load/input/output				
Interface	RS232	5PIN/Pitch 2.54mm, Baud Rate 2400				
	Expansion Slot Communication Inter	2x5PIN/Pitch 2.54mm, BMS、WIFI (Optional), Lithium Battery BMS Communication Card,Wifi 2x5PIN/Pitch 2.54mm				
Ambient Temperature	Operating Temperature	-10~50℃				
	Storage Temperature	-15~60℃				
	Ork Altitude	1000m, 1000m, 4000m, IEC62040 No more than 1000m, if 1000m, If 1000m< Rate power will lower, MAX 4000m, Refer to IEC 62040				
	Operating Environment Humidity	20%~95%				
	Noise	≤50db				
	Size (mm)	495x312x146mm		570x500x148		
Standards and Certifications		EN-IEC 60335-1, EN-IEC 60335-2-29, IEC 62109-1				