

TECHNICAL DATA

MODEL NO.	INV W-2430H	INV W-4850H
AC MODE		
Rated input voltage	220/230Vac	
Input voltage range	170-280VAC / 90-280VAC	
Frequency	50/60Hz (Auto detection)	
Frequency Range	50/60±3Hz	
Efficiency	>95%	
Transfer time	10ms (typical)	
INVERTER MODE		
Output voltage waveform	Pure sine wave	
Rated output power	3.5KVA/KW	5.5KVA/KW
Power factor	1	
Output voltage range	220/230Vac ± 5%	
Output frequency range	50 / 60 ± 0.3Hz	
Maximum Efficiency	>94%	
Peak power	7KVA	11KVA
Loaded motor capability	2HP	4HP
Overload protection	5S @150% load; 10S @110%~150% load	
Rated battery input voltage	24V	48V
Saving mode power consumption	<10W	<15W
AC CHARGING		
Battery type	Lead acid or lithium battery	
Maximum charge current	80A	
Floating charge voltage	27V	54V
Overcharge protection	33V	63V
PV CHARGING		
Maximum PV OCV	500Vdc	
Efficiency	98.0% max	
MPPT voltage range	120-450Vdc	
Battery voltage range	20~33V	40-63V
Maximum output power	5000W	6000W
PV charge current (settable)	110A	110A
CERTIFIED SPECIFICATIONS		
Certification	CE(EN 62109-1)	
EMC certification leve	EN 61000	
Operating temperature range	0°C to 55°C	
Storage temperature range	-15°C ~ 60°C	
Humidity range	5% to 95% (Conformal coating protection)	
Noise	≤60dB	
Heat dissipation	Forced air cooling, variable speed of fan	
Communication interface	USB/RS485(WiFi/GPRS)/Dry node control	
Size (L*W*D)	472*297*133mm	
Weight (kg)	9.5	10.5