

KQ- IVW220-5KW-10KW Low Frequency MPPT Inverter

Model



- Low frequency MPPT charge Controller
- Pure sine wave output
- LCD setting & Optional WIFI/GPRS remote monitoring
- Smart overload / over-temperature/short circuit protection
- Supports parallel operation for capacity expansion

Datesheet	KQ-IVW220-5KW	KQ-IVW220-10KW
Rated power	5000W	10000W
Battery		
Battery Voltage	48Vdc	
Battery type	Lithium battery/Lead-acid battery	
Floating charge voltage (configurable)	54Vdc	
Input		
Input voltage	220VAC	
Voltage range	154-264 VAC ±3V (normal mode) 185-264VAC (ups mode)	
Frequency	50/60Hz ±0.1%	
Output		
Output voltage	220VAC	
Transfer Time	≤10ms typical,≤20ms Inv.	
Load peak ratio	Max 3:1	
Overload capacity	alarm buzzer <130% Load 1s, 30s turn-off output ; >150% 300s trun-off output	
Waveform	Pure Sine Wave	
Charger		
Charge mode	MPPT	
Maximum Pv array power	3200W	6400W
MPPT range operating voltage	MPPT 60-150VDC	
Maximum PV charge current	60A	120A
Maximum AC charging current	30A	60A
AC Input Voltage	220VAC	
Selectable Voltage Range	154-264 VAC ±3V (normal mode) 185-264VAC (ups mode)	
Frequency Range	50/60Hz ±0.1%	
Others		
Operating Temperature	0~40 °C	
Storage Temperature	-15 ~45 °C	
LCD	Operation mode/load/load/output, etc	
R32	5 PIN/ Pitch 2.54mm; Lithium battery BMS Devicenet、 WI-FI Devicenet, etc	
Parallel operation	Support	
Dimension(W*H*D)	530*330*131mm	545*400*200mm