

KQ- IVP300-3KW~6KW IP66 High Frequency Hybrid Inverter

Model



- Pure sine wave On/off grid hybrid inverter
- Waterproof IP66
- LCD setting & Optional WIFI/GPRS remote monitoring
- Smart overload / over-temperature/short circuit protection
- Intelligent battery charger design for optimized battery performance
- Supports parallel operation for capacity expansion

Datesheet	KQ- IVP300-3KW	KQ- IVP300-4KW	KQ- IVP300-5KW	KQ- IVP300-6KW
Rated power	3000W	4000W	5000W	6000W
Peak power	3300VA	4400VA	5500VA	6000VA
Battery				
Battery Voltage	48V			
Battery type	Lithium battery/Lead-acid battery			
Constant charge voltage (can be setting)	60V			
Max. charge current	75A	100A	120A	120A
Input				
Input standard	L+N+PE			
Input voltage	220VAC / 230VAC			
Voltage range	150-450 VAC ±3V （normal mode）			
Surge Power	6000W	8000W	10000W	12000W
Frequency	50/60Hz ±0.1%			
Output				
Output voltage	220VAC / 230VAC			
Transfer Time	10ms typical,20ms Max.			
Overload capacity	1min@102%~110%Load	10s@110%~130% Load	3s@130%~150%Load	200ms@>150%Load
Peak capacity	>94.5%		>94.5%	
Waveform	Pure Sine Wave			
Max output current	15A	20A	25A	27A
Charger				
Charge mode	MPPT			
Maximum Pv array power	6000W	8000W	10000W	12000W
MPPT range operating voltage	125V	125Vdc	125Vdc	125Vdc
Maximum input current	18A	18A/18A	18A/18A	18A/18A
MPPT	1	2	2	2
Others				
Operating Temperature	-25~60 °C			
Storage Temperature	-30 ~65 °C			
Humidity	0%~95%			
Attitude	less than 4000m			
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)	198*427*554mm			
Net Weight	20KG			