

# KQ- IVP300T-3KW~12KW IP66 Three-Phase Hybrid Inverter

Model



Datesheet	KQ- IVP300T-5KW	KQ- IVP300T-6KW	KQ- IVP300T-7KW	KQ- IVP300T-8KW	KQ- IVP300T-10KW	KQ- IVP300T-12KW
Rated power	5500W	6600W	7700W	8800W	11000W	13200W
Peak power	5500W	6600W	7700W	8800W	11000W	13200W
<b>Battery</b>						
Battery Voltage	48V					
Battery type	Lithium battery/Lead-acid battery					
Constant charge voltage (can be setting)	60V					
Max. charge current	120A	125A	150A	190A	210A	250A
<b>Input</b>						
Input standard	3W/N/PE					
MPPT voltage range	200~800V					
Max. input voltage	1000V					
Surge Power	10KW	12KW	14KW	16KW	20KW	25KW
Operation voltage	150V					
MPPT	1	1	1	2	2	2
Maximum input current	18A	18A	28A	18A/18A	36A/18A	36A/18A
Frequency	50/60Hz ±0.1%					
Maximum Pv array power	10KW	12KW	14KW	16KW	20KW	24W
<b>Output</b>						
Output voltage	380VAC / 400VAC					
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	>98%			>98%		
Max output current	8.3A	10A	11.6A	13.3A	16.7A	20A
<b>Others</b>						
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)	475*683*256mm					
Net Weight	38KG					

- Three-phase solar 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