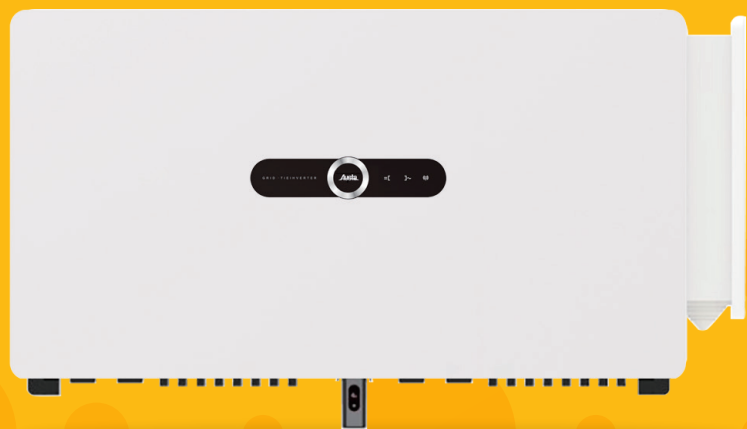


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● On Grid Inverter-3phase

AU196/225K3P-HV

**Max.
1.5**

Max. 1.5 Times PV Oversize
Capacity



Wi-Fi Standard
Ethernet/GPRS Optional



Multiple Intelligent Protection



Quick & Easy Config. via Wi-Fi

Technical Specification

AU196K3P-HV

AU225K3P-HV

PV INPUT		
Max. DC Input Power [W]	294000	337500
Max. DC Input Voltage [V]	1500	
Max. DC Input Current [A]	40*8	40*12
MPPT Voltage Range [V]	500-1500	
Recommended MPP operating voltage [V]	1080	
Number of MPP trackers	8	12
Strings Per MPP Tracker	2	
AC OUTPUT		
Rated Output Power [W]	196000	225000
Max. Output Power [V]	216000	247500
Max. Output Current [A]	155.9	178.7
Rated Grid Voltage [V]	800	
Grid Voltage Range [V]	640-920 (adjustable)	
Rated Grid Frequency [Hz]	50/60	
Grid Frequency Range [Hz]	45-55/55-65	
THDi	<2% (Under the rated power)	
Power Factor	>0.99 (Under the rated power) /Adjustable range: 0.8 leading~0.8 lagging	
DC Current Injection	<0.5% (Under the rated power)	
EFFICIENCY		
Max. Efficiency	99.01%	99.02%
Euro. Efficiency	98.50%	98.51%
PROTECTION		
DC Reverse-Polarity Protection	Yes	
Short Circuit Protection	Yes	
Output Over Current Protection	Yes	
Output Over Voltage Protection	Yes	
Insulation Resistance Monitoring	Yes	
Residual Current Detection	Yes	
Surge Protection	Yes	
Grid Monitoring	Yes	
Islanding Protection	Yes	
Temperature Protection	Yes	
Integrated DC Switch	Yes	
OTHERS		
Operating Temperature Range [°C]	-30~+60	
Humidity Range	0-100% non-condensing	
Max. Working Altitude [m]	5000m (>4000 derating)	
Ingress Protection	IP66	
Power Consumption At Night [W]	≤ 2	
Display	LED/LCD/(optional)	
Communication Interface	Wifi/RS485/GPRS(optional)	
Cooling Method	Intelligent forced air cooling	
Dimensions (WxHxD) [mm]	1008*700*351	
Weight [Kg]	86	96
Loading Data [pc]	384\40HQ 140\20GP	
Warranty	5 years	
STANDARD		
EN/IEC 62109-1/2, EN/IEC 61000, EN50549,IEC61727/62116/61683		

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