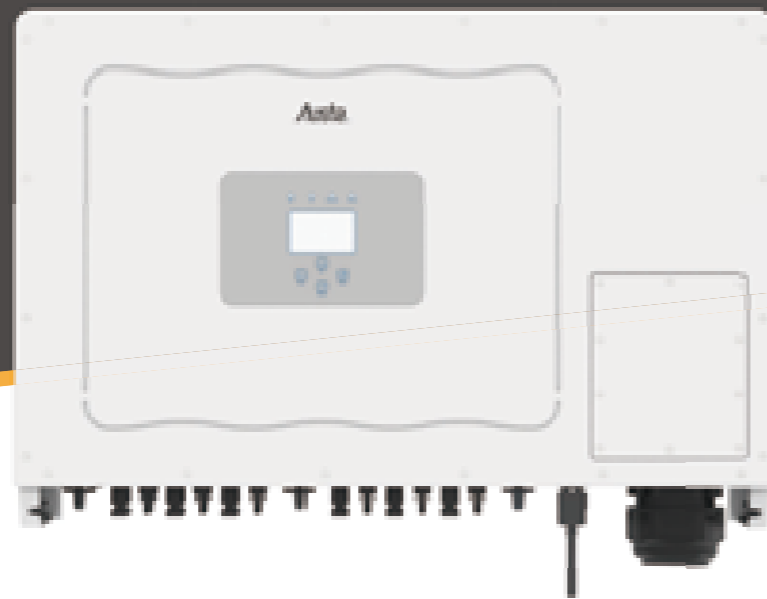


Three Phase

Austa-3P100K1G

Austa-3P110K1G

Renewable energy for all the world



Product features

- The highest efficiency is 98.7%
- 6 MPPT
- RS232/RS485 Interface
- IP65 Ingress Protection
- High Surge Endurance
- High Power Factor
- Zero Export Function

Wisdom networking

- Remote upgrade software/set parameters
- APP monitoring power station
- Fault diagnosis
- Anti-PID function(Optional)

Technical Data	Austa-3P100K1G	Austa-3P110K1G
Energy source	Grid-connected PV	
Input Side		
Max.DC Input Power(kW)	140	150
Max.DC Input Voltage(V)	1000	1000
Start-up DC Input Voltage(V)	250	250
MPPT Operating Range(V)	200-850	200-850
Max.DC Input Current(A)	56+56+56+56+56+56	56+56+56+56+56+56
Number of MPPT/String per MPPT	6/4	6/4
OutPut Side		
Rated Output Power(kW)	100	110
Max.Active Power(kW)	110	121
Rated AC Grid Voltage(V)	230/400	230/400
AC Grid Voltage Range(V)	277-460	277-460
Rated Grid Frequency(Hz)	50/60(Optional)	50/60(Optional)
Operating Phase	Three phase	Three phase
Rated AC Grid Output Current(A)	145	159.4
Max.AC Output Current(A)	159	175.4
Output Power Factor	0.8 leading to 0.8 lagging	
Grid Current THD	<3%	<3%
DC Injection Current(mA)	<0.5%	<0.5%
Grid Frequency Range	47-52 or 57-62(Optional)	47-52 or 57-62(Optional)
Efficiency		
Max.Efficiency	98.9%	98.7%
Euro Efficiency	98.3%	98.3%
MPPT Efficiency	>99%	>99%
Protection		
Anti-islanding Protection	Integrated	
DC Reverse-Polarity Protection	Integrated	
DC Surge Protection	Integrated(Type II)	
AC Surge Protection	Integrated(Type II)	
AC Short Circuit Protection	Integrated	
AC Output Overcurrent Protection	Integrated	
Output Overvoltage Protection	Integrated	
AC Grid Monitoring	Integrated	
Ground Fault Monitoring	Integrated	
Insulation Resistance Protection	Integrated	
Residual Current Monitoring Unit	Integrated	
Temperature Protection	Integrated	
Integrated DC Switch	Integrated	
General Data		
Size(mm)	838W*577H*323D	
Weight(kg)	73.7	
Topology	Transformeless	
Internal Consumption	<1W(Night)	
Running Temperature	-25-60°C	
Ingress Protection	IP65	
Noise Emission(Typical)	<55dB	
Cooling Concept	Intelligent cooling	
Max.Operating Altitude Without Derating	2000m	
Designed lifetime	>20years	
Operating Surroundings Humidity	0-100%	
Features		
DC Connection	MC-4 mateable	
AC Connection	IP65 rated plug	
Display	LCD240*160	
Interface	RS485/RS232/Wifi/LAN	
Certifications&Standards		
Grid Regulation	IEC50549/IEC61727/AS3100/VDE 0126-1-1	
Safety Regulation	IEC/EN62109-1/2	
EMC Regulation	IEC/EN61000-6-1	