

Technical Data		710016			
	Technical Data	Austa-1P3.6K1G	Austa-1P5K1G	Austa-1P6K1G	Austa-1P8K1G
Max.DC Input Notaleg(V) Max.DC Input Voltage(V) Sort up DC Input Voltage(V) Sort up DC Input Voltage(V) 100 500 500 500 500 500 500 500 500 500	Energy source		Grid-con	nected PV	
Max.DC Input Voltage(V) 500	Input Side				
Start-up OC Input Voltage(V)	Max.DC Input Power(kW)	4.68	6.5	6.6	8.8
MPPT Operating Range(Y) 100-500 100-5	Max.DC Input Voltage(V)	500	500	500	500
Max.DC Injust Current(A) 13+13 13+13 13+13 13+16	Start-up DC Input Voltage(V)	120	120	120	120
Number of Merit Series per Merit Policy Rated Output Policy (kW) Rated Output Power (kW) Rated Output Power (kW) Rated Output Power (kW) A	MPPT Operating Range(V)	100-500	100-500	100-500	100-500
Max.Active Power(kW) 3.6 5 6 8	Max.DC Input Current(A)	13+13	13+13	13+13	13+26
Name	Number of MPPT/String per MPPT	2/1	2/1	2/1	2/1+2
MaxActive Power(kW)	OutPut Side				
Rated AC Grid Voltage(Y)	Rated Output Power(kW)	3.6	5	6	8
AC Grind Voltage Range(V)	Max.Active Power(kW)	4	5.5	6.6	8.8
Sol/60(Optional) Sol/60(Optional) Sol/60(Optional) Sol/60(Optional) Operating Phase Single phase	Rated AC Grid Voltage(V)	230	230	230	230
So/60(Optional) So/60(Opt	AC Grid Voltage Range(V)	180-300	180-300	180-300	180-300
Operating Phase Single phase Single phase Single phase Single phase Nated AC Grid Output Current(A) 18 24 29 39 Output Power Factor 0.818eading to 0.81 agging		50/60(Optional)	50/60(Optional)	50/60(Optional)	50/60(Optional)
Max.AC Output Current(A) 18		Single phase	Single phase	Single phase	Single phase
Max.AC Output Current(A) 18	Rated AC Grid Output Current(A)	16	22	26	35
Output Power Factor 0.8leading to 0.8 lagging Grid Current THD <3%			24	29	39
Sample S					
Decinjection Current(mA)	·	3 33 3			
### #################################					
### Efficiency 97.3% 97.5					47-52/57-62(Optional)
Max.Efficiency	· · · -	= (350.0.00)			
MPPT Efficiency		97.3%	97.5%	97.5%	97.7%
MPPT Efficiency >99% >99% >99% Protection Anti-islanding Protection Integrated Integrated Protection Protec	•				
Protection Integrated Anti-Islanding Protection Integrated Integrated DC Reverse-Polarity Protection Integrated (Type II) Integrated (Type III) Integrated	•				
Anti-islanding Protection Integrated		>99%	29970	299%	>99%
DC Reverse-Polarity Protection DC Surge Protection AC Surge Protectio			Intog	rated	
DC Surge Protection	-				
AC Surge Protection	·	-			
AC Short Circuit Protection					
AC Output Overvortent 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 DSWitch Optional Foreign Service Colors Integrated DSWitch Transforment Foreign Service Colors Weight (kg) 1 Topology Transformentess Internal Consumption < NIW(Night)					
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 Optional Centeral Data Size(mm) Weight(kg) 11 Topology Transforemeless Internal Consumption <1W(Night)		-			
AC Grid Monitoring Integrated Ground Fault Monitoring Integrated Insulation Resistance Protection Integrated Insulation Resistance Protection Integrated Temperature Protection Integrated Integrated Optional Integrated O		-			
Ground Fault Monitoring Integrated Integrated Insulation Resistance Protection Integrated Integr	· -	-			
Insulation Resistance Protection Integrated Residual Current Monitoring Unit Integrated Temperature Protection Integrated Despirator Integrated DC Switch Optional General Data Size(mm) 3300x*310H*172D Weight(kg) 11 Topology Transforemerless Internal Consumption < 11W(Night) Running Temperature 1P65 Ingress Protection IP65 Noise Emission(Typical) < 30dB Cooling Concept Intelligent cooling Max.Operating Altitude without Derating 2000m Designed lifetime 0-100% Features DC Connection MC-4 mateable AC Connection MC-4 mateable AC Connection MC-5 material plug Display LCD1602 Interface RECFISACIONAS**Intercologis/Intercologis/Intercologis/Intercologis/Intercologis/Intercologis/Intercologis	,	-			
Residual Current Monitoring Unit Integrated Temperature Protection Integrated Integrated DC Switch Optional General Data Size(mm) 330W*310H*172D Weight(kg) 11 Topology Transforemetless Internal Consumption <1W(Night) Running Temperature -25-60°C Ingess Protection IP65 Noise Emission(Typical) <30dB Cooling Concept Intelligent cooling Max. Operating Altitude Without Deraiting 2000m Designed lifetime >20years Operating Surroundings Humidity 0-100% Features DC Connection MC-4 mateable AC Connection MC-4 mateable AC Connection MC-5 rated plug Display LCD1602 Interface RS485/RS232 Certifications&Standards INMETRO(ABNINBERIO (ABNINBERIO		-			
Temperature Protection		-			
Integrated DC Switch Optional General Data Size(mm) 330W*310H*172D Weight(kg) 11 Transforemerless Internal Consumption -1W(Night) Transformerless Internal Consumption -1W(Night) Transformerless Internal Consumption -1W(Night) Transformerless Internal Consumption -25-60°C Ingress Protection IP65 Noise Emission(Typical) -300B Cooling Concept Intelligent cooling Max.Operating Altitude Without Derating 2000om Designed lifetime >20years Operating Surroundings Humidity -0-100% Features DC Connection MC-4 mateable AC Connection MC-4 mateable AC Connection Interface Bridge LCD1602 Interface RS485/RS232 Certifications&Standards Interfac		-			
General Data Size(mm) 330W*310H*172D Weight(kg) 11 Topology Transforemerless Internal Consumption <1W(Night)	· ·	-			
Size(mm) 330W*310H*172D Weight(kg) 11 Topology Transforemerless Internal Consumption <1W(Night)		Ориопак			
Weight(kg) 11 Topology Transforemerless Internal Consumption <		22014/*270			
Topology Transforemerless Internal Consumption					
Internal Consumption					
Running Temperature -25-60°C Ingress Protection IP65 Noise Emission(Typical) <30dB Cooling Concept Intelligent cooling Max.Operating Altitude Without Derating 2000m Designed lifetime >200years Operating Surroundings Humidity 0-100% Features DC Connection MC-4 mateable AC Connection MC-4 mateable AC Connection IP65 rated plug Display LCD1602 Interface RS485/RS232 Certifications&Standards Grid Regulation IEC61727/62116/60068/61683 INMETRO(ABNTNBR16149/16150) Safety Regulation IEC61727/62116/60068/61683 IEC61727/62116/60068/61683 INMETRO(ABNTNBR16149/16150) IEC/EN62109-1/2 / /					
Ingress Protection IP65 Noise Emission(Typical) <30dB 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 LCD1602 Interface RS485/RS232 Certifications&Standards Grid Regulation IEC61727/62116/60068/61683 IEC61727/62116/60068/61683 INMETRO(ABNTNBR16149/16150) Safety Regulation IEC61727/62116/60068/61683 IEC61727/62116/60068/61683 INMETRO(ABNTNBR16149/16150) JIMETRO(ABNTNBR16149/16150) JIMETRO(ABNTNBR16149/16	'	, 5 /			
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Cooling Concept Max.Operating Altitude Without Derating Designed lifetime Operating Surroundings Humidity Operating Surroundings Humidity Oconnection MC-4 mateable AC Connection MC-4 mateable AC Connection IP65 rated plug Display LCD1602 Interface RS485/RS232 Certifications&Standards Grid Regulation IEC61727/62116/60068/61683 IEC61727/62116/60068/61683 INMETRO (ABNTNBR16149/16150) Safety Regulation IEC61727/62116/60068/61683 IEC61727/62116/60068/61683 INMETRO (ABNTNBR16149/16150) IEC61727/62116/60068/61683 INMETRO (ABNTNBR16149/16150) IEC61727/62116/60068/61683 IEC61727/62116/60068/61683 INMETRO (ABNTNBR16149/16150)	-				
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AC Connection					
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Safety Regulation IEC/EN62109-1/2					
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EMC Regulation IEC/EN61000-6-1/61000-6-3 /	Safety Regulation				
	EMC Regulation	IEC/EN61000-6-1/61000-6-3 /			