

Allamanda 1 CJP - Inspection Solar System (Car Port)



Indicator	Value	Reference Range	Result	Remark
Version	V100			
Last test time	NA			
Test time	2025/12/23 12:24:58			
Device SN	6T2439056862			
Device alias				
Device type	SUN2000-50KTL-M3			
Rated inverter capacity (kW)	50			
Lowest insulation resistance (MΩ)	0.255	>=0.033	Normal	
Lowest insulation resistance occurrence time	2024/08/01 15:37:17			
Highest parasitic capacitance (μF)	NA			
Highest parasitic capacitance occurrence time	NA			
Lowest parasitic capacitance (μF)	NA			
Lowest parasitic capacitance occurrence time	NA			
Highest phase voltage of the grid (V)	245.6	[176, 264]	Normal	
Highest grid phase voltage occurrence time	2025/07/20 13:38:01			
Lowest phase voltage of the grid (V)	44.4	[176, 264]	Normal	
Lowest grid phase voltage occurrence time	2024/08/14 12:59:00			
Highest grid frequency (Hz)	50.14	[49.5, 50.5]	Normal	
Highest grid frequency occurrence time	2024/12/29 14:08:19			
Lowest grid frequency (Hz)	35.56	[49.5, 50.5]	Normal	
Lowest grid frequency occurrence time	2024/08/06 11:10:31			
Highest voltage harmonic (%)	NA			
Highest voltage harmonic occurrence time	NA			
Highest line voltage of the grid (V)	427.2	[342.9, 419.1]	Normal	
Highest grid line voltage occurrence time	2025/08/14 16:16:22			
Lowest line voltage of the grid (V)	53.1	[342.9, 419.1]	Normal	
Lowest grid line voltage occurrence time	2024/08/14 12:59:00			
Output mode	Three-phase, four-wire, with a neutral wire			
Current grid code	TAI-PEA			
Quantity of PV strings	8			
Positive bus capacitance (μF)	2,299			
Negative bus capacitance (μF)	2,300			
Bus capacitor status	Healthy		Healthy	
Total energy yield (kWh)	113,667.48			
Fan runtime (hour)	4,790.3			
Total on-grid runtime (hour)	5,837.5			
Total unexpected downtime (hour)	125.2			
Total standby duration (hour)	186.6			
Total unexpected grid downtime (hour)	0.8			
Total planned downtime (hour)	0			
Total DC input duration (hour)	6,024.1			
Power-limited runtime (hour)	311.7			
Grid DC impedance (Ω)	NA			
Grid AC impedance (Ω)	NA			
Current error during scanning	0			

	Fill factor	Total energy yield (kWh)	Status flag	Curve validity flag
String1	--	29,186.84	String data valid	
String2	--	4.26	PV string open circuit	No PV Connected
String3	--	29,784.85	String data valid	
String4	--	148.63	PV string open circuit	No PV Connected
String5	--	30,171.74	String data valid	
String6	--	0	PV string open circuit	No PV Connected
String7	--	28,247.92	String data valid	
String8	--	0.02	PV string open circuit	No PV Connected

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