



DISTRIBUTED SOLAR POWER SYSTEM

AOLI Solar offers distributed solar power systems for residential house owners and commercial business owners around the world. Aoli solar PV system solutions can be installed on rooftops as well as ground mounted.

AOLI Solar PV system solutions have the following packages with a wide range of power systems:

700w,3kw,5kw,10kw,20kw,50kw and 1,000kw etc.....

AOLI Solar PV system solution includes the following key components:

1.PV Modules:

Convert sunlight into electric energy.

2.Mounting System:

Fix solar panels on surfaces like roofs, building facades or the ground etc.

3.Inverter:

Convert DC solar energy power in to AC power.

4.Distribution Box:

Provides safety protection for DC and AC circuits,such as overload, over voltage,over current,short circuit and lightning protection etc.



TYPICAL SYSTEM CONFIGURATION: RESIDENTIAL

System Model	CS0.7K	CS1.5K	CS3K	CS5K	CS10K	CS20K	CS25K	
System Capacity	700W	1.5kW	3kW	5kW	10kW	20kW	25kW	
Power Generation in 1st Year*(kWh)	1093	2187	4390	6660	13250	26609	32725	
Solar module	Power Output	330 / 340 / 360 w (or 370 / 380 / 410 w)						
	Quantity	3pcs	6pcs	12pcs	18pcs	36pcs	72pcs	90pcs
Solar Inverter	Power (AC)	700W	1.5kW	3kW	5kW	10kW	20kW	25kW
	Communication	Wifi (Default) or GPRS (Optional, SIM card is not available.)						
	Monitoring system	Mobile APP and PC web.						
Solar Mounting system	Aluminum (AL6005-T5) and stainless steel.							
Distribution Box	DC junction box	Key features such as outdoor box,DC fuse,DC MCB,DC SPD,etc.						
	AC junction box	Key features such as outdoor box,AC switch or MCB, AC SPD,etc.						
Solar cable	2 Pfg 1169 PV1-F 1x4mm ² , Black / Red, TUV certification.							
AC cable	According to local certification.							

TYPICAL SYSTEM CONFIGURATION: COMMERCIAL

System Model	CS30K	CS40K	CS50K	Above 50kW	
System Capacity	30kW	40kW	50kW	60-1000kW (@380V/400V)	
Power Generation in 1st Year*(kWh)	41885	56489	66785	N/A	
Solar Module	Power Output	330 / 340 / 360 w (or 370 / 380 / 410 w)			
	Quantity	120pcs	150pcs	180pcs	According to requirements
	Power (AC)	30kW	40kW	50kW	Several inverters
Solar Inverter	Communication	Wifi (Default) or GPRS (Optional, SIM card is not available.)			
	Monitoring system	Mobile APP and PC web.			
Solar Mounting System		1) Aluminum (AL6005-T5).			
		2) Steel: Hot dip galvanized steel, and stainless steel fasteners.			
Distribution Box / Cabinet	According to local grid code and requirements.				
Solar cable	2 Pfg 1169 PV1-F 1x4mm ² , Black / Red, TUV certification.				
AC cable	According to local certification and requirements.				



AOLI SOLAR WITH HIGH PERFORMANCE

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