JS-SPS-300 SERIES Off-grid Solar Power System







ABOUT GAIN SOLAR

Founded in 2007, Baoding Jiasheng Photovoltaic Technology Co., Ltd which markets its products under the brand "Gain Solar", is a wholly owned subsidiary of Yingli Solar, specializing in R&D, manufacturing and marketing of photovoltaic (PV) off-grid products and systems. What started as the in-house off-grid PV module production of Yingli Solar has developed over the years into a full-blown provider of off-grid PV modules, building-integrated PV modules, off-grid PV systems and solar application products. Founded on the Yingli Solar technology development, production, and distribution platform, Gain Solar has rapidly grown to set up branches in major provinces and cities of China and now is expanding its presence to the global level.

QUALIFICATIONS & CERTIFICATES

Gain Solar is dedicated to providing high quality off-grid PV products and systems to customers and has received a series of certificates, including ISO9001, TUV, UL, CE, CQC and RoHS.









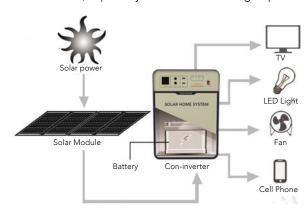




GENERAL INTRODUCTION

Solar power system provides alternating current and direct current, which is produced by the modules transforming solar power into electric power, to home lighting, household appliance and other DC appliance, such as cell phone and laptop.

Solar power system is widely used for house power supplying, road monitoring, tunnel power supplying, communication base station, fire prevention in forest area, environmental monitoring, pasture and meadow, fishery, frontier station, especially for the areas lacking of power.



JS-SPS-300 SERIES

Off-grid Solar Power System





PRODUCT CONFIGURATION

Item		Parameters	Quantity	
System model		JS-SPS-300	-	
PV module		17V/85W,910×660×25 (mm)	2	
Con-inverter	Battery	12V/100AH	1	
	Inverter	12V/300VA	1	
	Controller	12V/20A	1	
	Output terminals	AC220V×1, DC12V×2, USB5V×2	5	
Brackets		-	-	

TECHNICAL PARAMETERS

Control box		
Rated current	20A	
DC over-voltage protection point	15.5V	
DC under-voltage protection point	10V±2%	
AC Output voltage	220V±3%	
AC Output frequency	50Hz±5%	

Protection function	Reverse connection of battery/ module,short circuit,over load,overcharge,over discharge,etc.
Battery	12V/100AH Lead-acid battey
Dimension (mm)	352×320×517
Weight (kg)	75 (including battery)

HOW TO USE

	Load	Power	Quantity	Run time
	LED light	AC10W	2	5
Recommended load	TV	AC50W	1	6
	Satellite TV receiver	AC25W	1	6
	Fan	AC70W	1	4
Protection degree	IP20			

Operating condition	H≤5000m ; -10°C~+40°C ; 90%relative humidity (no coagulation)	
Storage and transportation conditions	-20°C∼ + 70°C	
Noise	< 50DB (with 1m ahead)	
Solar charging time	7~8hours	

SUCCESS CASES

Project Name: District class wu qi county of Tibet Pingan Primary School Project Description: This project is mainly used for Classroom lighting

Completion time: January 2013







