

JinkoSolar Empowers Vietnam's C&I Sector with Innovative 1.06MWh Energy Storage System

JinkoSolar, one of the largest and most innovative, has announced to have delivered its C&I storage system for a C&I project in Vietnam. The highly integrated 1.06MWh energy storage system, saving space and streamlining the installation process, will offer high profitability, safety, and flexibility to the customer.

JinkoSolar's C&I ESS provides a variety of battery capacity options, ranging from 250kWh to 4MWh and are designed for applications that require energy storage for two to four hours. Thus, system is mainly used for peak shaving, peak valley arbitrage, and also assist electricity consumers in managing their electricity bills more efficiently. By charging the batteries during low-cost off-peak hours and discharging them during high-cost peak hours, businesses can significantly decrease their overall electricity expenses.

The project implemented 540kWh JinkoSolar C&I Energy storage system with 250kW power output. Notably, the system features a robust level of protection with an IP54 rating and is designed to operate within a wide temperature range spanning from -20° C to 40° C. This comprehensive safety and operational reliability framework were key factors in influencing the customer's decision to select JinkoSolar as their preferred provider for both solar panels and energy storage systems. This strategic choice aims to optimize the Internal Rate of Return (IRR) while ensuring seamless functionality.



Figure 1: Project Photos

SYSTEM TECHNICAL SPECIFICATIONS

Lwh p	MNV	N0583	MNV	N0583	MNV	N0583	MNV	N0583
GF Gdwd								
Edwwhu fkh p lvwu			0lwklx p lwrq Skrvskdwh +0IS,					
Fhoo olih f foh		8/333 F fohv 4FC58% <3 (GRG		8/333 F fohv 3!8FC58% <3 (GRG				
Fhoo vshf			6!5Y2<9Dk					
Edwwhu v vwh p Frqilj xudwlrq		5S44V		7S44V		8S44V		9S44V
GF udwhg hqhuj fdsdflw		5:3n Z k		873n Z k		9:8n Z k		;43n Z k
Udwhg yrowdjh			:37Y					
Yrowdjh udqjh			949Y£ :<5Y					
EPV fr p pxqlfdwlrq lqwhuidfh			UV7 ;8/ Hwkhughw					
EPV fr p pxqlfdwlrq surwrfro			P rgexv UWX/ P rgexv WFS					
DF Gdwd								
Udwhg DF sr zhu			583n Z					
Pd{lpxp DF sr zhu			5:8n Z					
Udwhg yrowdjh			733Y					
DF udwh ri fxuuhqw			694D					
WKGI			■6 (					
Sr zhu idfwr			4+0hdglqj ,£4+0dj j lqj ,					
Udwhg iuh txhqf +K},			83293 K}					
DF frqqhfwlrq			6 Z . Q . SH					
Jhqhud Gdwd								
Glphqvlrq +Z -G-K,		5/<<4-5/76 ; -5/8<4 p p		938 ; -576 ; -58<4				
Z hl j kw		?43W		?53W				
Ghjuhh ri surwhfwlrq			LS87					
Rshudwlqj whp shudwxuh udqjh			053£73%					
Uhdwlyh kxplglw			3£<8 (+qrq0frqghqvlqj ,					
Pd{!z runlqj dowlwxgh			6/333 p					
Frrolqj frqfhs w ri GF kd wfk			KYDF					
Fr p pxqlfdwlrq lqwhuidfhv			UV7 ;8/ Hwkhughw/ JSUV					
Fhuwlilfdwlrqv			X04<: 6/ X0<873D/ LHF9594</ FH/ XQ6 ;16					

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