

# PV Inverter Skid

**MEPPI'S SOLAR  
CONVERSION SOLUTION:  
SEAMLESS INTEGRATION,  
RELIABLE OPERATION**



At **99%** availability, MEPPI's PV Inverter Skids ensure uninterrupted performance — even in the most demanding environments.



# GAIN THE ADVANTAGES OF MEPPI PV INVERTER SKIDS

MITSUBISHI ELECTRIC POWER PRODUCTS, INC.

**You want to keep your solar power stations up and running. So do we.**

Mitsubishi Electric Power Products, Inc. (MEPPI) is a respected leader in the energy industry. We use our expertise to develop renewable energy solutions that focus on high quality and maximum dependability. Plus, a commitment to service keeps systems at peak efficiency.

## A POWERFUL, ALL-IN-ONE SOLUTION

For hassle-free installation, a TMEIC Ninja Inverter is integrated with a Medium Voltage Transformer and Skid Controller on one Power Conversion System (PCS) Skid. This system:

- ◆ Arrives at your job site fully assembled and ready to go.
- ◆ Works with pile-type foundations, making design and set-up simpler.
- ◆ Seamlessly integrates with your onsite trackers, fiber, auxiliary power, and controllers.
- ◆ Connects to any standard communication protocol.
- ◆ Is a UL or IEC certified global design.

## HIGH QUALITY LEADS TO EXCEPTIONAL RESULTS

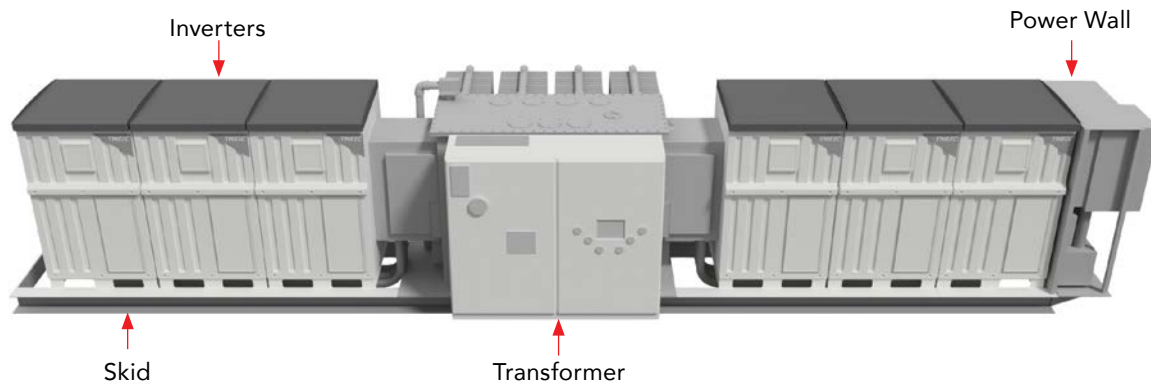
MEPPI's PV Inverter Skids are designed to streamline your operations, enabling smooth and efficient commercial operation from day one.

With 40 years of experience, MEPPI is ready to:

- ◆ Provide ISO 9001 certified substation turnkey services.
- ◆ Work closely with management and engineering teams to assure all phases of the project stay in sync.
- ◆ Meet your design deadlines and delivery dates — allowing you to fulfill your commitments.

## UNMATCHED RELIABILITY

- ◆ We've field tested our solar conversion technology for more than three years and achieved system operational availability greater than 99%.
- ◆ We provide ongoing service checks and rapid response for any maintenance needs, keeping downtime to an absolute minimum.
- ◆ You can call our experts during training, delivery, testing, or operations. Use our 24/7 hotline for urgent issues.



# AN ONGOING PARTNERSHIP

**MEPPI is committed to the success of your project.**

## On time, every time

We'll work with your team to select from a range of high-quality components to meet your design requirements and all delivery and installation deadlines.

## Comprehensive training programs

We make sure your team has the necessary skills to operate the skids effectively.

## Rigorous testing and commissioning

We ensure the skids operate at peak performance and maximum efficiency.

## Full-warranty wrap and long-term support

After installation, our dedicated support team will provide ongoing monitoring, warranty coverage, and exceptional after-sales service. We have an extensive spare parts inventory to support our fleet of installations.



**Up to six of the following inverters can be integrated onto one skid.**

Output Side (AC)	Rated Power @ 25°C	3200/4000/4800kW	3360/4200/5040kW	3520/4400/5280kW
	Rated Voltage	600V	630V	660V
	Rated Power Factor	>0.99		
	Reactive Capability	+/- 1684/2105/2526kVAR	+/- 1768/2210/2652kVAR	+/- 1856/2320/2784kVAR
Input Side (DC)	Maximum Voltage	1500Vdc		
Environmental Conditions	Ingress Protection Ratings	NEMA3R		
	Installation	Outdoor		
	Ambient Temperature Range	-25°C to 50°C		

## Base offering

- ◆ CT measurements for each DC input
- ◆ Ethernet connection
- ◆ DC grounding detection
- ◆ Skid level coordinated transformer protection scheme
- ◆ Skid controller unit

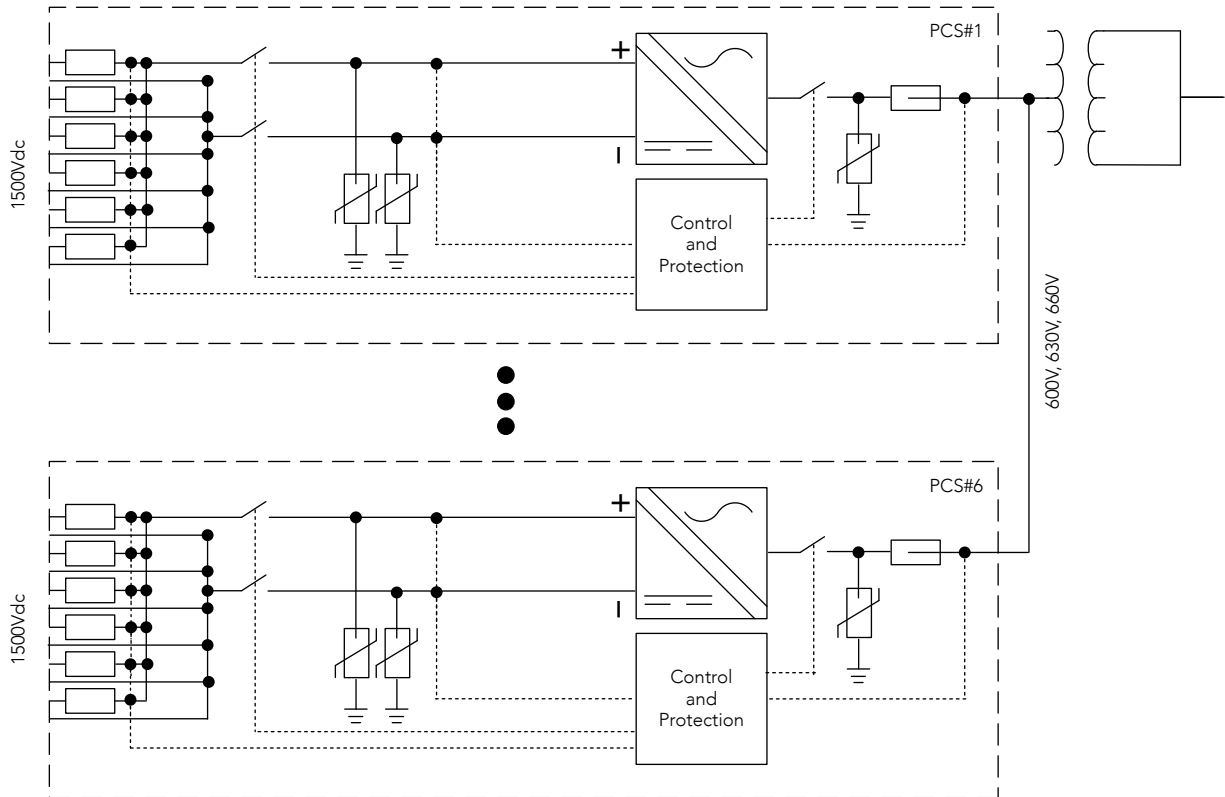
## Options

- ◆ Extended warranty
- ◆ Long-term service agreements
- ◆ Remote monitoring solutions

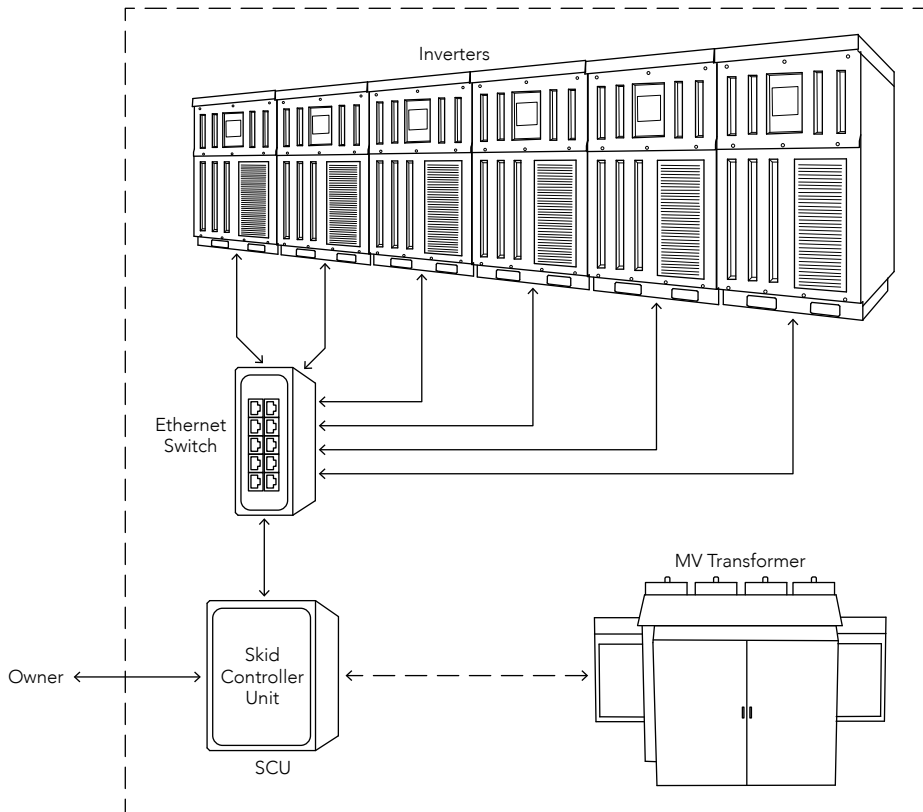


**MEPPI PV INVERTER SKIDS  
OFFER COMPREHENSIVE  
ONSITE COMMUNICATION  
AND SEAMLESS  
INTEGRATION TO INCREASE  
OVERALL EFFICIENCY.**

## Electrical diagram



## Networking diagram



### Flexible solutions

MEPPI can customize PV Inverter Skid networking and electrical configurations to fit your specific application — or provide single inverter purchase options to meet your needs.

We're ready to work with you to create a custom configuration.

[www.mepi.com/industries/PVskids](http://www.mepi.com/industries/PVskids)



## ELEVATE YOUR SOLAR POTENTIAL:

- ◆ **MEPPI ALSO OFFERS INDIVIDUAL INVERTER PURCHASE OPTIONS**
- ◆ **TURNKEY SERVICE & SUPPORT CAN ALSO BE ADDED**



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**Making tomorrow's world greater than today's**