

Pika PV Link™ / S2501

Rapid Installation. Rapid Shutdown.



Fast, flexible, safe.

Pika PV Link is a sub-array solar optimizer and maximum power point tracker that connects PV arrays to Pika inverters, battery charge controllers and other 380VDC devices – the perfect solution for DC microgrids. Connect 2-9 modules to each PV Link for flexible array design.

Pika PV Link is simple to wire and Rapid Shutdown-compliant (NEC 690.12). With built-in arc-fault and ground-fault detection, your PV installations will be safer and more efficient than string inverters, without the failure risk of module-level electronics.

Advantages

- Rapid Shutdown compliant
- Fast installation
- Maintains performance in shading
- Low maintenance
- Compatible with advanced storage
- Flexible system configuration
- Array data tracking

	PV Link	Module Electronics	String Inverters
Rapid Shutdown compliant	•	•	•
Fast installation	•		•
Maintains performance in shading	•	•	
Low maintenance	•		•
Compatible with advanced storage	•	•	•
Flexible system configuration	•	•	
Array data tracking	•	•	



Advantages:

- Installs quickly and easily
- Lower failure risk than module-level optimizers
- Rapid Shutdown compliant
- Accurate monitoring for each substring
- Arc-fault and ground-fault protection
- Robust ceramic capacitors

Features:

- Quick connections with MC4 connectors
- 2500W capacity
- Compatible with high-voltage smart batteries
- Cost-effective solution for high-performance PV
- 25-year manufacturer's warranty

Overcome shading and challenging roof lines with PV Link. Series 2-9 modules with each PV link to optimize power output and enable communication with a Pika inverter. Connect PV Link with the Pika Islanding Inverter to build a smart nanogrid with high-performance battery storage solutions.

S2501 Specification

Rated power	2500W
Peak efficiency	99%
MPPT voltage range	60-360 VMP
Max input voltage (VOC)	420V (max when cold)
Max output	420V (open circuit)
Nominal output	REbus 380VDC + data
Max output current	8A
Standby power	<1W
Topology	Boost converter
Protections	Ground-fault protection, arc-fault protection
Max operating temp	70° C
Remote monitoring	Via REview web dashboard
Enclosure	Type 3R
Weight	3.3kg (7.3lb)
Dimensions	390mm x 50mm x 243mm (15.4" x 2" x 9.6")
Limited warranty	25 years

PV Links are connected in parallel using MC-4 branch connectors. Plan on using $n-1$ pairs of connectors for an installation, where n equals the number of PV Links being connected.

