



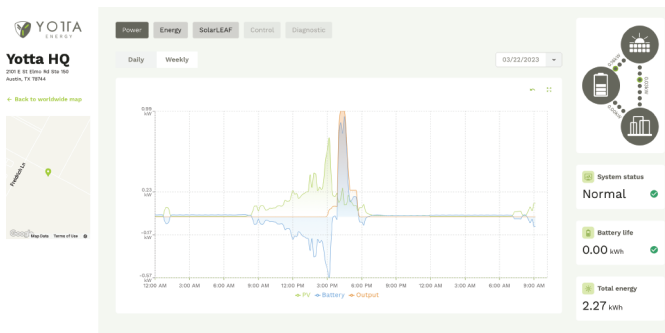
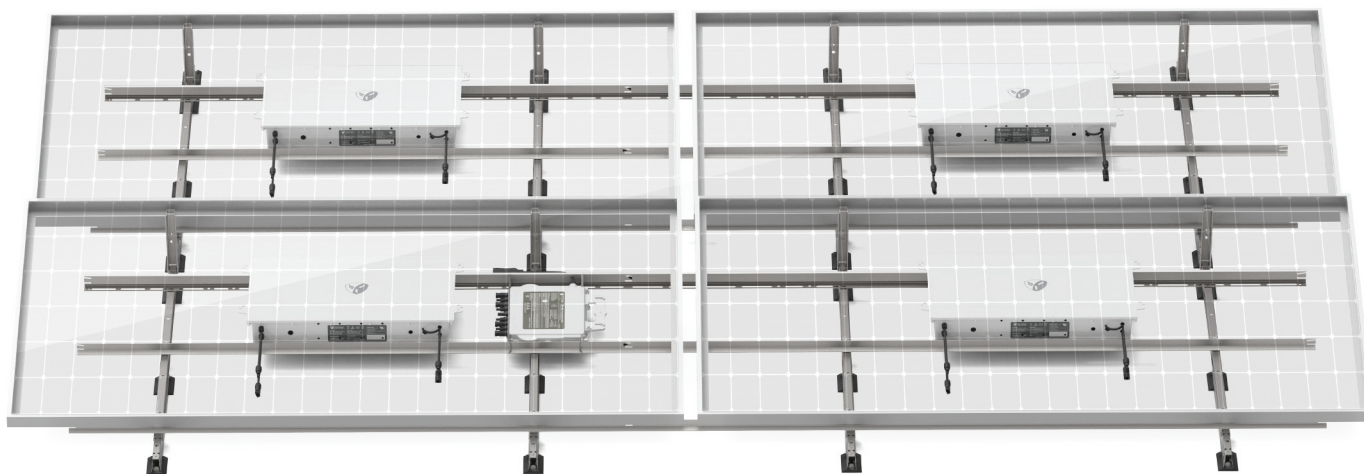
YOTTA
ENERGY

ENERGY STORAGE SYSTEM

SL-1000 with DPI-208 or DPI-480

Yotta's **SolarLEAF™ (SL-1000)** and **DPI Microinverters** work **seamlessly** together as a fully-integrated **energy storage system** that properly integrates **behind** photovoltaic (PV) modules on commercial rooftops. Engineered with an advanced passive **thermal regulation technology**, SolarLEAF™ safely enables a distributed format while maximizing the **life** and **performance** of the battery under extreme **thermal conditions**. The SolarLEAF's modular design is able to **scale** to meet the changing needs of commercial buildings while optimizing for today's needs.

Yotta's **Dual Power Inverters (DPI-208 and DPI-480)** are native **3-phase microinverters** that each support up to four high capacity PV modules or SL-1000 (or any combination of the 2) delivering outstanding **performance**. Yotta's DPI-208 and DPI-480 are powerful **plug-and-play MLPE** inverters that install **faster** than any other solution in the market and comply with **rapid shutdown** requirements. Their design improves **thermal dissipation** while maximizing **power production**.



Yotta Vision Monitoring

- **Monitors** and **Analyzes** each solar module and battery
- Allows **Remote Monitoring** of the solar array
- Displays **Performance Issues** and **Alerts** the user to events
- **Real Time Communication**
- **Performance Reporting** to support troubleshooting

ENERGY STORAGE SYSTEM | SL-1000 with DPI-208 or DPI-480

MODEL	SL-1000
ELECTRICAL	
Solar PV Input	Up to 750W
Module Compatibility	60-72 Cell PV modules
Inverter Compatibility	Yotta DPI Microinverter
Rated Capacity	1000Wh @ (100% DoD)
Max. Continuous Power Output	450W
Allowable Depth of Discharge (DoD) (1)	Up to 100%
Voltage Range (1)	22V to 45V
Max. Continuous Voltage (charge & discharge)	59.9V
Max Continuous Current (charge & discharge)	15A
Max Power Output (2) (discharge)	Up to 675W
Chemistry	Lithium Iron Phosphate
Cycle Life	6,000+ Cycles (@ 80% DoD)
MECHANICAL	
Weight	56.7 lbs (25.7kg)
Ambient Op. Temp.	-20° to 43°C max continuous (-4° to 109°F)
Storage Temp.	-20° to 55°C (-4° to 114°F)
Dimensions	15.75 x 26.25 x 4.25 (in)
SAFETY AND WARRANTY	
Warranty	10 Years
Enclosure	IP67
Certifications	UL1973 Recognized UL9540 Listed UN38.3
MONITORING	Yotta Vision
COMPLIANCE	Successfully tested according to UL9540a

(1) Maximum operating ranges. Refer to warranty for recommended conditions.
(2) From battery, but further limited by solar inverter.

Meets the standard requirements for Distributed Energy Resources and identified with the CSA Listed Mark



MODEL	DPI-208	DPI-480
OUTPUT DATA (AC)		
Maximum Continuous Output Power	1728VA total (423VA per input)	1800VA total (450VA per input)
Nominal Output Voltage/Range (1)	208V/183V-229V	480V/422V-528V
Adjustable Output Voltage Range	166V-240V	385V-552V
Nominal Output Current	4.8Ax3	2.17Ax3
Maximum Output Fault Current (AC) and Duration	L-L:85.4Apk, 13.6ms of duration, 4.967Arms	L-L:35.1Apk, 13.9ms of duration, 2.199Arms
Grid Connections	208V 3-Phase (208Y/120V, 240 Delta)	480V 3-Phase (480Y/277V, 480 Delta)
Nominal Output Frequency/Range (1)	60Hz/59.3Hz-60.5Hz	
Adjustable Output Frequency Range	55Hz-65Hz	
Power Factor	0.99/0.8 leading...0.8 lagging	
Maximum Units per 30A branch (2)	5	11
MECHANICAL DATA		
Operating Ambient Temperature Range (3)	-40°F to +149°F (-40°C to +65°C)	
Storage Temperature Range	-40°F to +185°F (-40°C to +85°C)	
Dimensions (W x H x D)	14" x 9.5" x 1.8" (359mm X 242mm X 46mm)	
Weight	13 lbs (6kg)	
WARRANTY	10 Years Standard ; 25 Years Optional	
CERTIFICATE & COMPLIANCE		
Safety, EMC & Grid Compliances	UL-1741; CA Rule 21 (UL 1741 SA and UL 1741 SB); CSA C22.2 No. 107.1-16; HECO RULE 14H AND RULE 22; FCC Part 15; ANSI C63.4; ICES-003; IEEE1547; NEC2014 & NEC2017 Section 690.11 DC Arc-Fault circuit; Protection NEC2014 & NEC2017 & NEC2020 Section 690.12 Rapid Shutdown of PV systems on Building	

(1) Nominal voltage/frequency range can be extended beyond nominal if required by the utility.
(2) Limits may vary. Refer to local requirements to define the number of microinverters per branch in your area.
(3) Inverter may enter low power mode in environments with poor ventilation or limited heat dissipation
(4) Recommend no more than 80 inverters register to one ECU for stable communication. "

Meets the standard requirements for Distributed Energy Resources (UL-1741) and identified with the CSA Listed Mark

