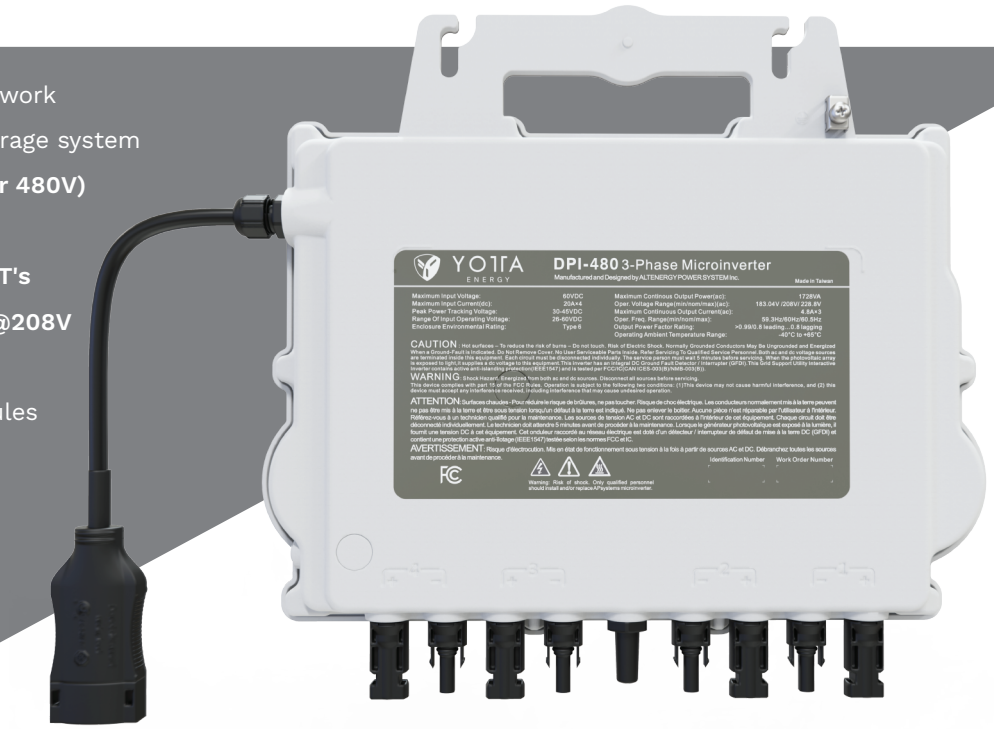
YOTTA ENERGY

DPI-208/480

3-Phase Microinverters

Yotta's **Dual Power Inverters (DPI-208 and DPI-480)** are native 3-phase microinverters that each support **four (4) high capacity solar modules** and deliver outstanding **performance**. The internals are protected with silicone to **reduce stress** on the electronics, increase its **waterproof** properties, **dissipate heat,** and to provide **maximum system reliability**. 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**.

- **DPI** (Dual Power Inverter) designed to work with PV or the **YOTTA BLOCK** energy storage system
- **Native 3-phase power output (208V or 480V)**
- **Low Voltage** DC input (<60V)
- **4 Solar Module Input Channels, 2 MPPT's**
- **Continuous** AC output power **1728VA @208V** and **1800VA @480V**
- **Engineered** for high-capacity PV modules
- **Maximum** input current 20A
- Integrated **Safety Protection Relay**
- **Rapid Shutdown Compliant**
- **Adjustable Power Factor**



3 PHASE GRID

208 OR 480V OUTPUT VOLTAGE

PLUG & PLAY STORAGE READY

RAPID SHUTDOWN COMPLIANT

SAFETY PROTECTION RELAY

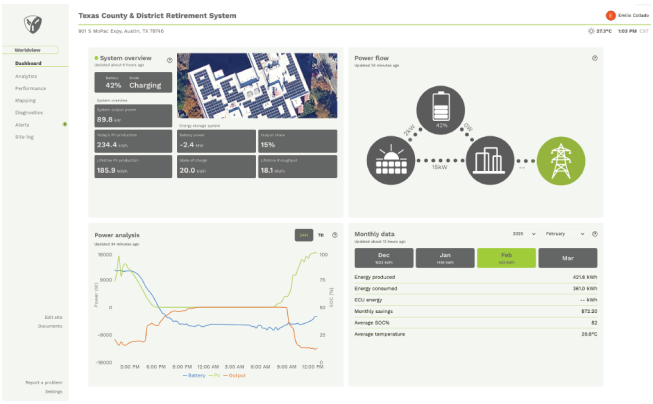
ADJUSTABLE POWER FACTOR

ADVANCED HEAT DISSIPATION TECHNOLOGY

REMOTE DIAGNOSIS

YOTTA VISION Monitoring

- **Monitors** and **Analyzes** each solar module and microinverter
- Allows **Remote Access** to the solar array
- Displays **Performance Issues** and alerts the user to events
- **Real Time Communication** and backup data
- **Graphs** system solar output over time to boost troubleshooting



Ver. 10.0
February 2025

ENERGY MADE SIMPLE

YOTTA Energy Inc. 3100 Alvin Devane Blvd, Building A, Suite 200, Austin, TX 78741

MODEL	DPI-208	DPI-480
INPUT DATA (DC)		
Peak Power Tracking Voltage	32V-45V	
Operating Voltage Range	26V-60V	
Maximum Input Voltage	60V	
Maximum Input Current	20A x 4	
Maximum Input Short Circuit Current	25A per input	
OUTPUT DATA (AC)		
Maximum Continuous Output Power	1728VA	1800VA
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)	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
AC Bus Cable	AWG 10	
EFFICIENCY		
CEC Efficiency	96.0%	96.5%
Nominal MPPT Efficiency	99.5%	
Night Power Consumption	40mW	
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” × 9.5” × 1.8” (359mm X 242mm X 46mm)	
Weight	13 lbs (6kg)	
DC Connector Type	Stäubli MC4 PV-ADBP4-S2&ADSP4-S2	
Cooling	Natural Convection - No Fans	
Enclosure Environmental Rating	Type 6	
FEATURES		
Communication (Inverter To ECU) (4)	Encrypted ZigBee	
Isolation Design	High Frequency Transformers, Galvanically Isolated	
Energy Management	Yotta EMA (Web and App)	
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	

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

(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. "