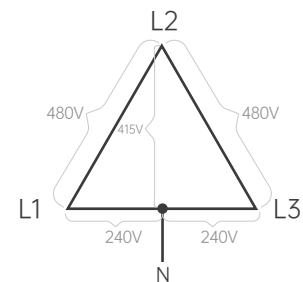


MEGA large C&I inverter series (480V)

# Power conversion system (With isolation transformer)



High-leg Delta with split phase

## KEY STRENGTHS

- Output voltage level, control strategy, etc, can be configured according to site requirements to ensure that the product can be adapted to the site application.
- Port message monitoring function, EMS remote monitoring and data analysis, convenient for debugging and maintenance.
- Compatible with many battery BMS protocols.
- Support multi-machine parallel connection function.

## APPLICATIONS



PV charging station



C&I energy storage



Charging station



Model	MEGA0030TS-480S	MEGA0050TS-480S	MEGA0100TS-480S	MEGA0150TS-480S	MEGA0250TS-480S	MEGA0500TS-480S
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**AC(on-grid)**

Max. output power (kVA)	33	55	110	165	275	550
Rated output power (kW)	30	50	100	150	250	500
Rated voltage (V)	480V High-leg Delta with split phase					
Voltage range (V)	384~552					
Rated current (A)	37	61	121	181	301	601
Rated frequency (Hz)	50/60					
Frequency range (Hz)	45~55/55~65					
THDi	<3%					
Power factor	1leading~1lagging(settable)					
Grid type	3W/N/PE					

**AC(off-grid)**

Max. output power (kVA)	33	55	110	165	275	550
Rated output power (kW)	30	50	100	150	250	500
Rated voltage (V)	480V High-leg Delta with split phase					
Rated current (A)	37	61	121	181	301	601
THDu	≤1% linear; or ≤5% nonlinear					
Rated frequency (Hz)	50/60					
Overload capacity	110% long-term					

**Battery**

Voltage range (V)	250~850	320~850	420~850	420~850	420~850	500~900
Max. current (A)	137	178	270	405	673	1,128

**General data**

Ingress protection	IP21					
Noise emission (dB)	<70					
Operating temperature (°C)	-30 ~ 55					
Cooling	Air Cooling					
Relative humidity	0 ~95% non-condensing					
Max. operating altitude	5,000m(>3,000 derating)					
Dimension W*D*H (mm)	800*800*1,900	800*800*1,900	800*800*1,900	800*800*1,900	1,200*800*2,050	1,600*1050*2,050
Weight(kg)	605	676	917	1,057	1,609	2,665

**Display and communication**

Display	LCD touch-screen
BMS communication	RS485,TCP/IP, CAN
EMS communication	RS485,TCP/IP, CAN