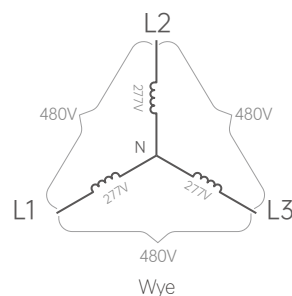
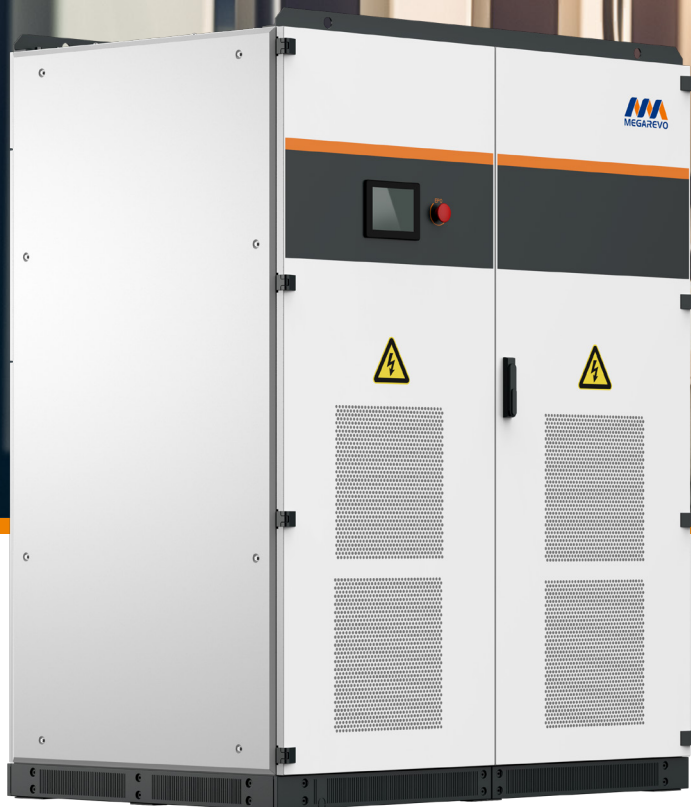


MEGA large C&I inverter series (480V)

Power conversion system (With isolation transformer)



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

			
MEGA0030TS/MEGA0050TS	MEGA0100TS/MEGA0150TS	MEGA0250TS	MEGA0500TS

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

Max. output power (kW)	33	55	110	165	275	550
Rated output power (kW)	30	50	100	150	250	500
Rated voltage (V)	480					
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 (kW)	33	55	110	165	275	550
Rated output power (kW)	30	50	100	150	250	500
Rated voltage (V)	480					
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 (m)	5,000(>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