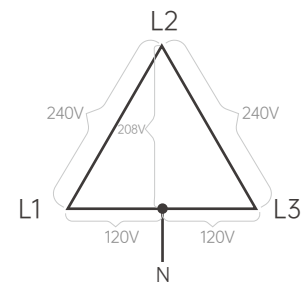


MEGA large C&I inverter series (240V)

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

		
MEGA0030TS/MEGA0050TS	MEGA0100TS/MEGA0150TS	MEGA0250TS

Model	MEGA0030TS-240S	MEGA0050TS-240S	MEGA0100TS-240S	MEGA0150TS-240S	MEGA0250TS-240S
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AC(on-grid)

Max. output power (kW)	33	55	110	165	275
Rated output power (kW)	30	50	100	150	250
Rated voltage (V)	240V High-leg Delta with split phase				
Voltage range (V)	192~276				
Rated current (A)	72	120	240	361	602
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
Rated output power (kW)	30	50	100	150	250
Rated voltage (V)	240V High-leg Delta with split phase				
Rated current (A)	72	120	240	361	602
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
Max. current (A)	137	178	270	405	673

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*2,050	800*800*2,050	1,200*800*2,050
Weight(kg)	605	676	917	1,057	1,609

Display and communication

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