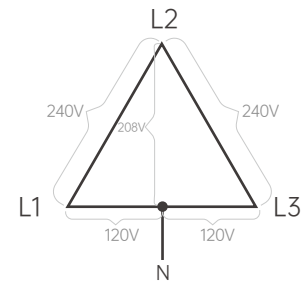


MEGA large C&I inverter series (208V)

# Power conversion system (With isolation transformer)



High-leg Delta with split phase

## Key strengths

- Flexible photovoltaic configuration, photovoltaic controller can be expanded; output voltage level, control strategy, etc. can be configured according to the needs of the site, to ensure that the product can be adapted to the site application.
- Port message monitoring function, convenient for debugging and maintenance; Remote monitoring and data analysis; Compatible with many battery BMS protocols.
- Multiple working modes, supporting multi machine parallel function

## Applications

» PV charging station

» C&I energy storage

» Charging station



MEGA0030TS/MEGA0050TS



MEGA0100TS/MEGA0150TS



MEGA0250TS

**AC(on-grid)**

Model	MEGA0030TS	MEGA0050TS	MEGA0100TS	MEGA0150TS	MEGA0250TS
Max. output power (kVA)	33	55	110	165	275
Rate output power (kW)	30	50	100	150	250
Rated voltage (V)	208V High-legDelta with split phase				
Voltage range (V)	166~239				
Rated current (A)	72	120	240	361	601
Rated frequency (Hz)	50/60				
Frequency range (Hz)	45~55/55~65				
THDi	<3%				
Power factor	1lagging-1leading (Settable)				
AC connection	3W/N/PE/Delta				
Transformer ratio	100/240	200/240	270/240	270/240	270/240

**AC(off-grid)**

Max. output power (kVA)	33	55	110	165	275
Rate power (kW)	30	50	100	150	250
Rated voltage (V)	208V High-legDelta with split phase				
Rated current (A)	72	120	240	360	601
THDu	≤1% linear; or ≤5% nonlinear				
Rated frequency (Hz)	50/60				
Overload capacity	110% long-term				

**Battery**

Battery voltage range (V)	250~850	320~850	420~850	420~850	420~850
Max current(A)	137	178	270	405	673

**General data**

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
Net weight(kg)	605	676	917	1,057	1,609
Operating temperature (°C)	-30 ~ 55				
Relative humidity	0 ~95% non-condensing				
Ingress protection	IP21				
Noise emission (dB)	<70				
Operating altitude	5,000m(>3,000 Derating)				
Cooling	Air Cooling				

**Display and communication**

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