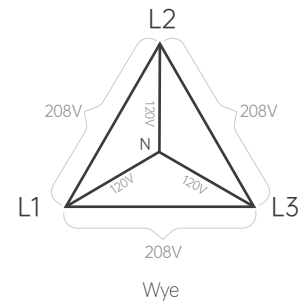


MEGA large C&I inverter series (208V)

Power conversion system (With isolation transformer)



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)	208				
Voltage range (V)	166~239				
Rated current (A)	83	139	278	416	694
Rated frequency (Hz)	50/60				
Frequency range (Hz)	45~55/55~65				
THDi	<3%				
Power factor	1lagging-1leading (Settable)				
AC connection	3W/N/PE				
Transformer ratio	100/208	200/208	270/208	270/208	270/208

AC(off-grid)

Max. output power (kVA)	33	55	110	165	275
Rate power (kW)	30	50	100	150	250
Rated voltage (V)	208				
Rated current (A)	83	139	278	416	694
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				