MEGAREVO

POWER CONVERSION SYSTEM



Model	MEGA0030TS	MEGA0050TS	MEGA0100TS	MEGA0150TS	MEGA0250TS	MEGA0500TS
DC(battery)						
Voltage range (V)	250~850	320~850	420~850	420~850	420~850	500~850
Max. Current (A)	137	178	270	405	673	1,128
AC(on-grid)						
Max output power(kVA)	33	55	110	165	275	550
Rate output power(kW)	30	50	100	150	250	500
Rated voltage(V)	400					
Voltage range(V)	320~460					
Rated current(A)	43	72	144	216	361	722
Max. output current(A)	48	80	159	238	397	794
Rated frequency (Hz)	50/60					
Frequency range (Hz)	45~55/55~65					
THDi	<3%					
Power factor	1lagging-1leading（Settable）					
AC connection	3W+N+PE					
AC(off-grid)						
Rated voltage(V)	400					
THDU	＜1% Linear ＜5% Nonlinear					
Rated frequency(Hz)	50/60					
Overload capacity	110% long-term					
General data						
Max.efficiency	96.3%	96.5%	97.1%	97.1%	97.3%	97.5%
Ingress protection	IP21					
Noise emission (dB)	<70					
Operating temperature (℃)	-30～55					
Cooling	Forced air					
Relative humidity	0 ~95% non-condensing					
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*1,050*2,050
Weight(kg)	605	676	936	1,057	1,582	2,665
Transformer ratio	100/400	200/400	270/400	270/400	270/400	315/400
Self-consumption (W)	<100					
On/ Off grid switching	Automatic					
Display & Communication						
Display	LCD touch-screen					
BMS communication	RS485, CAN					
EMS communication	RS485, TCP/IP					
Certificates	IEC/EN62109-1/-2, IEC/EN 62477-1, IEC/EN 61000-6-2, IEC/EN 61000-6-4,CGC					

- Reactive power, active power adjustable.
- Off-grid cold start function, support multimachine parallel function.
- Built-in isolation transformer, high load adaptability.
- AC/DC dual backup for auxiliary power supply.
- Integrated on / off-grid automatic switching components, saving users' system costs.
- Highest power density, maximum efficiency of 97.5%.

MEDIUM-LARGE C&I ON-GRID INVERTER

Three Phase 40kW-60kW

Three Phase 100kW-125kW

Application: Large-scale Industrial and Commercial Sites



Superior Efficiency

- Maximum efficiency 98.8%
- Compatible with high power modules
- 150% PV configuration, 110% output overload

Intelligent Maintenance

- Remote configuration and upgrade
- Supports export control
- String level I/V detect(Optional)

High Reliability

- IP65 waterproof and dustproof, C5 anti-corrosion
- Integarted type II DC/AC SPD