

REVO Residential Energy Storage Inverters

G2 Hybrid Inverter

Product Features:

Friendly & Flexible

- Support multi-machine parallel connection;
- Compatible with lead-acid or lithium-ion batteries or other battery access;

Grace

- Fashion appearance, light weight, smart operation;
- Natural cooling, low noise;
- IP65 , wall mounted design, saving space;

Reliable

- Compatible anti counter flow function;
- Battery reverse connect protection;

Advanced

- Intelligent energy management system for home;
- Power dispatching and demand side response management node;
- Distributed virtual power station management node;



Technical Specification:

Datasheet	R3KL1-G2	R3K6L1-G2	R4KL1-G2	R4K6L1-G2	R5KL1-G2	R6KL1-G2	R8KL1-G2
DC Input							
Max. Input Power (kW)	4.5	5.4	6	6.9	7.5	9	12
Start-up Voltage (V)	100						
Max. PV Voltage(V)	500						
MPPT Range/Nominal (V)	80~500/360						
Max.input current of single MPPT(A)	16/16	16/16	16/16	16/16	16/16	16/16	16/32
MPPT Tracker/Strings	2/1	2/1	2/1	2/1	2/1	2/1	3/2+1
AC output							
Rated Power (kW)	3	3.68	4	4.6	5	6	8
Max. Output Current(A)	14.3	16	19.1	20	21.7	28.7	38.3
Nominal Voltage/Range(V)	230 /176~270						
Frequency (Hz)	50 /60						
Power factor	0.8lagging-0.8 leading						
THDi	<3%						
AC output topology	L+N+PE						
Battery							
Battery voltage range(V)	40~58						
Max. charging voltage(V)	58						
Max. Charge/Discharge Current(A)	60	72	80	92	100	120	160
Communication Interface	CAN						
EPS output							
Rated power (kW)	3	3.6	4	4.6	5	6	8
Rated voltage(V)	230						
Rated current(A)	13	16	17.4	20	21.7	26	35
Rated frequency(Hz)	50 /60						
Automatic switching time(ms)	<10						
THDu	<2%						
Overload capacity	110%, 60S/ 120%, 30S/ 150%, 10S						
General data							
Battery charge /discharge efficiency	96.5%						
DC Max. efficiency	98.2%						
Europe efficiency	97.5%						
MPPT efficiency	99.9%						
Ingress protection	IP65						
Noise emission(dB)	<35						
Operation temperature (°C)	-25~ 60						
Cooling	Natural						
Relative Humidity	0 ~95% (non-condensing)						
Operating altitude	2,000m (>2,000 Derating)						
Dimensions W * D * H (mm)	451*212*474						467*200*484
Weight(kg)	18						20
Inverter Topology	transformerless						
Self-consumption(W)	<20						
Display and communication							
Display	/						
Interface:RS485/Wifi/4G/CAN/DRM	Yes/ Opt/ Opt/ Yes/ Yes						