

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)				125~500/360			
Max. Input Current(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				1(0.99 lagging-0.99 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 efficienc				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)			
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)				<3			
Display and communication							
Display				/			
Interface:RS485/Wifi/4G/CAN/DRM				Yes/ Opt/ Opt/ Yes/ Yes			