## **REVO** residential Energy Storage inverters

## **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 apperance, 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 mode;
- Distributed virtual power station management mode;

# **Technical specification:**

Datasheet	R3KL1-G2	R3K6L1-G2	R4KL1-G2	R4K6L1-G2	R5KL1-G2	R6KL1-G2	R8KL1-G2
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(0.8lagging-0.8leading)						
THDi	<3%						
Ac Output Topology	L+N+PE						
DC Input							
Max. Input Power (kW)	4.5	5.4	6	6.9	7.5	9	12
Start-up Voltage (V)				00			·-
Max. PV Voltage(V)				50			
MPPT Range/Nominal (V)	80~500/360						
Max. Input Current(A)	16/16 16/32						
MPPT Tracker/Strings	2/1 3/2+1						
				/ !			3/2+1
Battery							
Battery Voltage Range(v)	40~58						
Max. Charging Voltage(v)				58			
Charge/Discharge Current(A)	60/60	72/72	80/80	92/92	100/100	120/120	160/160
Communication Interface			С	AN			
Eps Output							
Rated Power (kw)	3	3.6	4	4.6	5	6	8
Rated Voltage(v)				30			
Rated Current(a)	13	16	17.4	20	21.7	26	35
Rated Frequency(hz)			50	/60			
Automatic Switching Time(ms)	<20						
THDu	<2%						
Overload Capacity			110%	60S			
General Data							
Battery Charge /discharge Efficiency			96	5%			
Dc Max. Efficiency	97.4%						
Europe Efficiency	97%						
Mppt Efficiency	99.9%						
Ingress Protection	IP65						
Noise Emission(db)	<35						
Operation Temperature	-25°C ~ 60°C						
Cooling	Natural						
Relative Humidity	0~95% ( non-condensing )						
Altitude	2,000m (>2,000 Derating)						
Dimensions W * D * H (mm)			451*4	74*200			
Weight(kg)	18 20						
Inverter Topology	transformerless						
Self-consumption(w)			· ·	:3			
Display And Communication							
Display				I			
Interface:RS485/Wifi/4G/CAN/DRM			Yes/ Yes/ C	pt/ Yes/ Yes			
PV power	< 4.5KW	< 5.4KW	<6KW <6.9KW <7.5KW <9KW <12KW				
PV voltage	80-500V						
Load power	≤3KW						
· ·							
Load voltage	230V	230V	230V	230V	230V	230V	230V