

G2S series energy storage inverter REVO residential energy storage inverters

Key strengths

- Supports grid-connected and off-grid AC coupling functions
- Support three-phase and multi-machine parallel connection
- Support intelligent load management (customized)
- Optimized EMC design, more stable operation
- Support BMS remote upgrade function (customized)



Product family



G2S COLOR SCREEN SERIES

.WITH SCREEN R8KL1DA-G2S R10KL1DA-G2S

G2S SERIES STANDARD MODEL

.WITHOUT SCREEN R8KL1A-G2S R10KL1A-G2S

Technical Parameters

DC input

Model	R8KL1A-G2S	R10KL1A-G2S
	R8KL1DA-G2S	R10KL1DA-G2S
Max. power (kW)	12	15
Start-up voltage (V)	100	
Max. voltage (V)	550	
MPPT voltage range/rated voltage (V)	80-500/360	
PV/(Isc) (A)	24	
Max. input current of each component (A)	16	
No. of MPPT	2	
No. of strings per MPPT tracker	1/2	

AC output

Rated output power (kVA/kW)	8/8	10/10
Max output power (kVA)	8.8	10
Max. output current (A)	38.3	43.5
Grid voltage/range (Vac)	230/176 ~ 270	
Rate grid frequency (Hz)	50/60	
Power factor	1(0.8leading...0.8lagging)	
THDi	< 3%	
AC grid type	L+N+PE	

Battery

Battery voltage range (V)	40-58	
Max. charging voltage (V)	58	
Max. charge/discharge current (A)	160/160	200/200
Communication interface	CAN/485	

Emergency power output

Rated power (kVA/kW)	8/8	10/10
Rated output voltage (Vac)	230	
Rated output current (A)	34.8	43.5
Rated output frequency (Hz)	50/60	
Automatic switchover time (ms)	≤10	
THDu	<2%	

General data

Battery charge/discharge efficiency	95.6%
Max. efficiency	97.2%
Europe efficiency	96.5%
MPPT efficiency	99.9%
Ingress protection	IP65
Noise emission (dB)	<55
Operation temperature (°C)	-25~+60
Cooling	Natural
Relative humidity	0 ~95% (Non-condensing)
Operating altitude (m)	0~2000m (Derating over 2000m)
Dimensions W*D*H (mm)	486×231×530(with generator port)
Net weight (kg)	25.8
Topology	Non-isolated
Standby loss (W)	<15

Display and communication

Display	Optional(colorful touch screen /no screen)
Communication interface RS485/Wifi/GPRS/CAN/DRM	Yes/Opt/Opt/Yes/Yes