

REVO residential energy storage inverters

# G2S series energy storage inverter



## Key strengths

- Supports grid-connected and off-grid AC coupling functions
- Support intelligent load management (customized)
- Support three-phase and multi-machine parallel connection
- 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

**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 chage/discharge efficiency	95.6%	
Max. efficiency	97.2%	
Europe efficiency	96.5%	
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 (m)	0~2000m (Derating over 2000m)	
Dimensions W*D*H (mm)	486×231×530(with generator port)	
Net weight (kg)	25.8	
Isolation transformer	/	
Standby loss (W)	<15	

**Display and communication**

Display	/	
Communication interface RS485/Wifi/GPRS/CAN/DRM	Yes/Opt/Opt/Yes/Yes	