

## RIX-OGML Series

### Low frequency solar inverter

#### Product Description

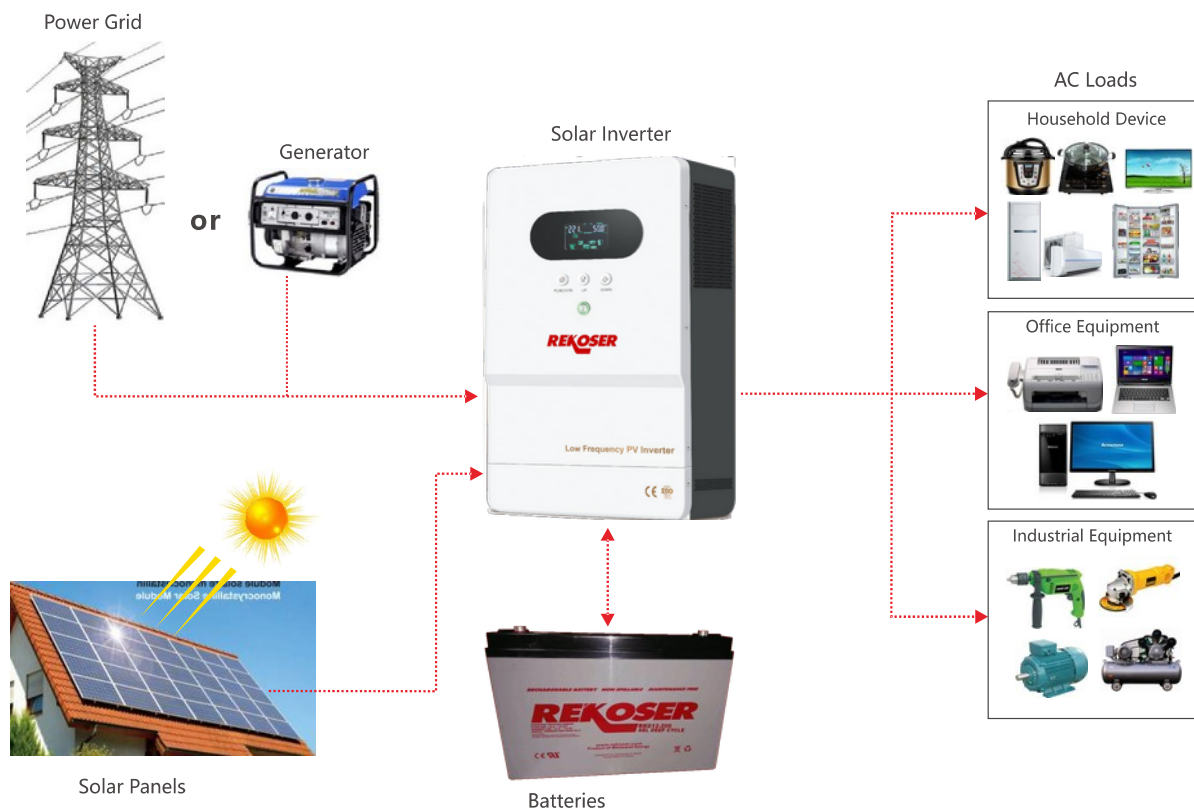
- Pure sine wave, toroidal low loss transformer, customizable mode dual output voltage.
- Smart LCD show equipment status and parameters.
- The adjustable mains charging current range is 0-30A.
- Suffer 3 times peak power, ensure the safe and stable operation of the equipment.
- Support diesel and gasoline generators, suitable for various power grid.
- Suitable for industrial and residential used, wall-mounted design.

#### Application Area

- Office and public facilities, household system, network transmission equipment, manufacturing, control system, solar energy system, oil field, drilling field operation, etc.
- Provide stable, reliable and safe solutions for families, islands, ships and other small photovoltaic power systems



### System Application Diagram



## Technical Parameters

Model: RIX-OGML-	12/24/48L/H10	12/24/48L/H15	12/24/48L/H20	24/48L/H30	24/48L/H40	48L/H50	48L/H60
<b>Power</b>							
Rated Power	1000W	1500W	2000W	3000W	4000W	5000W	6000W
Phase Type	Single phase L-N ; Split phase can be customized L1-L2,L1-N,L2-N						
<b>Battery</b>							
Standard Battery Voltage	12/24/48VDC			24/48VDC	24/48VDC	48VDC	48VDC
Battery Type	Lead-acid / Gel Battery / Lithium Batteries / Custom battery						
<b>AC Input</b>							
Rated Input Voltage	110VAC/120VAC/220VAC /230VAC/ 240VAC						
AC Input Voltage Range	85VAC~138VAC ( 110VAC ) / 95VAC~148VAC ( 120VAC ) / 170VAC~275VAC ( 220VAC ) / 180VAC~285VAC ( 230VAC ) / 190VAC~295VAC ( 240VAC )						
AC Input Frequency Range	45Hz~55Hz ( 50Hz ) , 55Hz~65Hz ( 60Hz )						
<b>AC Output</b>							
Output Wave / Conversion Efficiency	Pure Sine Wave />85%						
AC Output Voltage / Frequency Range(INV mode)	110VAC±10% / 120VAC±10% / 220VAC±10% / 230VAC±10% / 240VAC±10%						
<b>Built-in MPPT Solar Charge Controller ( optional )</b>							
Rated Current	30A		60A			100A	
PV Array Max Power	12V(420W)/24V(840W)/48V(1680W)		12V(840W)/24V(1680W)/48V(3360W)			6000W	5600W
Max PV Input Voltage ( Voc ) (At The Lowest Temperature)	12V/24V system : 120VDC ; 48V system : 180VDC						
MPPT Tracking Voltage Range	12V System ( 15V-80V ) /24V System ( 30V-100V ) /48V System ( 60V-140V )						
<b>Other</b>							
Protection	Battery undervoltage protection/Battery overvoltage protection/Overload power protection/ Inverter output short circuit protection/Temperature protection						
Protection Degree	IP20						
Display	LCD						
Cooling Method	Cooling Fan in Intelligent Control						
Communication Interfaces	RS485/RS232,APP(WIFI monitoring or GPRS monitoring)Optional						
Working Mode ( settable )	Battery priority / Mains priority						
Operating Temperature	-15°C~40°C						
Relative Humidity	0%~95% , No Condensation						
<b>Dimensions and Weight</b>							
Product Size(L*W*Hmm)	500*300*140			530*335*150			
Packing Size(L*W*Hmm)	565*395*225			605*430*235			
N.W.(kg)	12	13.5	18	20	22	24	26
G.W.(kg)	13.5	15	19.5	21.5	24	26	28

Notes: 1. All specifications are subject to change without prior notice.  
2. L/H means Low (110VAC or 120VAC) and High (230VAC or 240VAC) voltage.