



REVO QS

Hybrid On & Off Grid Energy Storage Inverter

series **4/6kW**

Residential energy storage solution ◀



Max Py input current 27A

- Designed with 27A PV input current compatible to the market trend of increased Imp of solar panel



Interface

- Global cloud platform mobile APP anytime and anywhere open APP, support power internet applications



OFF-Grid and Off-grid

- REVO HM series is suitable for on-grid and off-grid applications



Battery

- Battery equalization function extend lifecycle
Reserved communication port (RS485, CAN) for BMS



Easy access

- Two outputs for smart load management The second output can be scheduled on & off based on setting point of battery transfer to utility



PROTECT

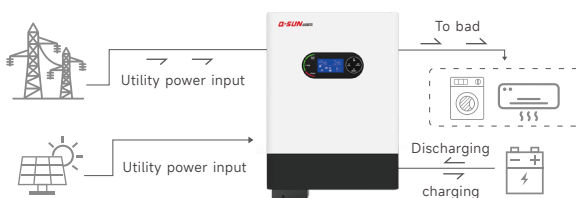
- Built-in anti-dust kit for harsh environment AC overcurrent, AC overvoltage, over temperature protection

PARAMETER

4/6KW Hybrid On & Off Grid Energy Storage Inverter

Technical Specification	REVO QN4000W	REVO QN6000W
Rated Power	4000VA/4000V	6000VA6000W
AC INPUT		
AC Voltage	220V AC	
Voltage Range	170-280VAC(For Personal Computers) , 90-280VAC(For Home Appliances)	
Frequency Range	50/60Hz (Auto sensing)	
AC OUTPUT		
Surge Power	8000VA	12000VA
AC Voltage Regulation (Battery Mode)	230VAC±5%	
Rated frequency	50/60HZ	
Efficiency (Peak)	93%	
Transfer time	10ms (For Personal Computers) ;20ms (For Home Appliances)	
BATTERY		
Battery Voltage	24V DC	48V DC
Floating Charge Voltage	27V DC	54V DC
Overcharge Protection	33V DC	63V DC
Battery type	Lithium/Lead-acid	
SOLAR CHARGER & AC CHARGER		
Maximum PV Array Open Voltage(V)	500V DC	
Maximum PV Array Power	5000W	8000W
MPPT voltage range(V)	60~450V DC	
Maximum input current	27A	
MPPT tracker/strings	1	
Maximum solar charge current	120A	
Maximum AC charge current	100A	
Maximum charge current	120A	
PROTECTION & FEATURE		
AC overcurrent	Yes	
AC overvoltage	Yes	
Over temperature protection	Yes	
Smart load management	Yes	
On Grid	Yes	
Parallel Function	Yes (optional)	
PROTECTION		
Comprehensive protection	DC surge protection type (in accordance with EN/IEC 61643-11)/insulation resistance detection/ Photovoltaic string input reverse protection/battery input reverse protection/ground fault monitoring/ Residual current monitoring/short circuit protection/anti-islanding protection	
GENERAL PARAMETERS		
Operation temperature	-10°C - 50°C	
Relative humidity	5%~95%(Non-condensing)	
Altitude	(2000M Derating)	
Dimensions DxWxH(mm)	466x313x136.5	
Net Weight(KG)	8.5	9
Display	Touch buttons	
Interface	Standard:RS232,USB; CAN&RS485; OptionalWiFi,Bluetooth	
Safety standard	EN/IEC62109-1.EN/IEC62109-2	

● With battery connected



● Without battery connected

