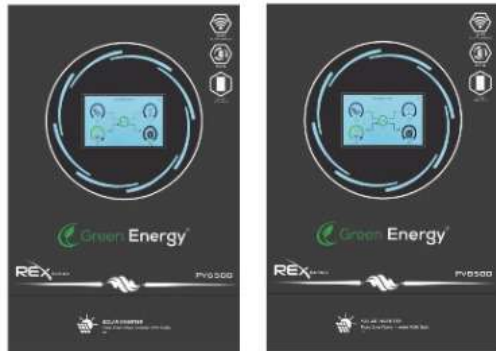


REX SERIES

Hybrid Solar Inverter



Touch Screen + RGB Features:

- Touch color screen display, intuitive parameter display
- Enhanced inverter output power under PV mode
- Standard main and auxiliary dual AC voltage sufficient power output
- Novel and fashionable RGB atmosphere lights indicator
- Higher photovoltaic utilization under PV and grid power complements
- EMI filtering and strong anti-interference technology
- Frosted grey appearance design

MODEL	REX4024PV6500	REX6048PV8500	REX8048PV11000	REX11048PV15000
Rated input voltage	220/230/240VAC			
Voltage range	90-280VAC±3V(normal mode) 170-280VAC±3V(UPS mode)			
Frequency range	50Hz/60Hz(Adaptive)			
OUTPUT				
Battery	4000W	6200W	8600W	11000W
Photovoltaic	4500W	6500W	9000W	11000W
Peak Power	7200VA	12400VA	17200W	22000VA
Output voltage	220/230/240VAC±5%			
Output frequency	50/60Hz±0.1%			
Waveform	pure Sine Wave			
Switching time (adjustable)	Computer equipment 10ms, home appliances 20ms			
Overload capacity	Battery Mode :11s@105%~150% Load;2s@150%~200% Load;400ms@>200% Load			
GRID-CONNECTED OPERATION				
Output voltage	220/230/240VAC			
grid feeding voltage range	195-253VA			
grid feeding frequency range	49-51±1Hz/59-61±1Hz			
nominal output current	15.7A	26.9A	47.8A	47.8A
power factor range	>0.99			
maximum conversion efficiency (DC/AC)	98%			
BATTERY				
Rated voltage	24Vdc	48Vdc	48Vdc	48Vdc
constant voltage charging voltage (configurable)	28.2Vdc	56.4Vdc	56.4Vdc	56.4Vdc
float charging voltage (configurable)	27Vdc	54Vdc	54Vdc	54Vdc
PV CHARGER				
PV charging method	MPPT	MPPT	Dual MPPT	Dual MPPT
Maximum input power of PV	6500W	8500W	2×5500W	2×7500W
MPPT input voltage range	60~500Vdc	60~500Vdc	90~500Vdc	90~500Vdc
optimal Vmp operating range	300~400Vdc	300~400Vdc	300~400Vdc	300~400Vdc
maximum PV input voltage	500Vdc	500Vdc	500Vdc	500Vdc
maximum PV input current	27A	27A	27A / 27A	27A / 27A
maximum PV charging current	120A	120A	150A	150A
maximum mains charging current	100A	100A	150A	150A
maximum charging current	120A	120A	150A	150A
DISPLAY				
LCD Interface	Can display operation mode/load/input/output, etc.			
INTERFACE				
RS232	Baud rate 2400			
Expansion slot communication interface	Lithium battery BMS communication card, WIFI card, dry contact card, etc.			
Parallel interface	No parallel function	Parallel (network) function		
ENVIRONMENTAL PARAMETERS				
Operating ambient temperature	-10°C~+50°C			
Operating environment humidity	20%~95%(No condensation)			
Storage temperature	-15°C~+60°C			
noise	≤50db			
PHYSICAL PARAMETERS				
Depth × width × height (mm)	483*313*143 mm		570*500*148mm	
Standards and certifications	EN-IEC 60335-1 EN-IEC 60335-2-29 IEC 62109-1			

REX Series

PV6500 | PV8500 | PV11000 | PV15000



Reliable Quality and Easy to Install

- Reserved Communication port for BMS (RS485, RS232)
- External Wifi for mobile monitoring
- Touch Screen with 4.3inch Color LED
- Dual output for smart loading management
- MAX PV input current 27A
- Wide PV input voltage range 60VDC-500VDC
- RGB LED Light for status indicator
- Communication Ports
- Parallel option up to 9pcs
- Build-in Anti-Dust Kit
- Feed into Grid
- Lithium Battery automatically restart