



SOLAR ENERGY



2 YEARS PRODUCT WARRANTY  
3 YEARS SERVICE WARRANTY

# LEXUS SERIES 6200W-48V MPPT SOLAR INVERTER



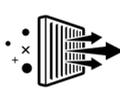
RGB LIGHTS



WORK WITHOUT BATTERY



BUILT-IN-WIFI



ANTI-DUSTKIT



SOLAR CHARGER



PV-8000 WATTS  
SOLAR MPPT (6.2KW)

### PRODUCT KEY FEATURES

- Increased PV power
- Customizable status LED ring with RGB light
- Supports USB on-the-Go function
- External CT sensor to guarantee 100% self-consumption
- Maximum PV input current 27A
- Dual outputs for smart load management
- Touchable button with 4.3" colored LCD
- Built-in Wi-Fi with APP for remote monitoring and OTA firmware upgrade
- Programmable supply priority for PV, Battery or Grid
- Reserved communication port for BMS
- **Parallel operation up to 9 units**
- Built-in anti-dust kit
- Battery independent design
- Built-in meter calibration for optimized system operation



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## LEXUS SERIES 6200W-48V

### MPPT SOLAR INVERTER



#### MODEL

#### LEXUS 6200W-48V 8000PV

PHASE	1-phase in / 1-phase out
MAXIMUM PV INPUT POWER	8000PV
RATED POWER	6200W
RATED OUTPUT POWER	
OFF-GRID OPERATION	

#### AC INPUT

Acceptable Input Voltage Range	90 - 280 VAC or 170 - 280 VAC
AC Start-up Voltage / Auto Restart Voltage	120 - 140 VAC / 180 VAC
Maximum AC Input Current	40A

#### PV INPUT (DC)

Maximum DC Voltage	500 VDC
MPPT Voltage Range	120VDC ~ 430 VDC
Number of MPPT Trackers / Maximum Input Current	1 / 27A

#### BATTERY MODE OUTPUT (DC)

Nominal Output Voltage	220/230/240 VAC
Output Waveform	Pure Sine wave
Efficiency (DC to AC)	93%

#### BATTERY & CHARGER

Nominal DC Voltage	48 VDC
Maximum Solar Charge Current	120A
Maximum AC Charge Current	120A
Maximum Charge Current	120A

#### GENERAL

#### PHYSICAL

Dimension, D x W x H (mm)	140 x 296 x 468
Net Weight (kgs)	12

#### INTERFACE

Parallel Function	Yes, 9 units
Communication port	USB/RS232/RS485/WIFI/Dry-contact
Humidity	5% to 95% Relative Humidity (Non-condensing)

#### ENVIRONMENT

Operating Temperature	-10 C to 50 C
Storage Temperature	-15 C to 60 C

Product specifications are subject to change without further notice.

