

Haus Royale II Series

- Pure sine wave solar Inverter
- Output power factor 1.0
- Zero transfer time to protect mission-critical loads such as ATM and servers
- Detachable LCD control module with multiple communications
- Built-in Wi-Fi for mobile monitoring (Available in iOS/ Android App)
- Supports USB On-the-Go function
- User friendly LCD operation
- Built-in BMS communication for Lithium-ion Batteries
- Configuration AC/PV output usage timer and prioritization
- Selectable high power charging current
- Battery independent design
- Data log events stored in the inverter
- Parallel operation up to 9 units



Specifications

MODEL	Haus Royale II 5KM-48	Haus Royale II 6KM-48
Rated Power	5000VA/5000W	6000VA/6000W
Parallel Operation	Optional up to 9 units	
INPUT		
Voltage	230 VAC	
Voltage Range	176-280 VAC at 100% load / 110-280 VAC at 50% load	
Frequency Range	50 Hz/60 Hz (Auto sensing)	
OUTPUT		
AC Voltage Regulation	220/230/240VAC ± 3%	
Output THDv	<3% for linear load, <5% for non-linear load	
Surge Power	10000VA for 5 sec	12000VA for 5 sec
Efficiency (Peak)	Line mode: >93%; Bat. mode: >90%	
Transfer Time	0 ms (For Line mode to Battery mode) 4 ms (For Inverter mode to Bypass mode)	
Waveform	Pure sine wave	
BATTERY		
Battery Voltage	48 VDC	
Floating Charge Voltage	54 VDC	
Max. Charge Voltage	64 VDC	
Overcharge Protection	66 VDC	
SOLAR CHARGER & AC CHARGER		
Solar Charger Type	MPPT	
Maximum PV Array Open Circuit Voltage	500 VDC	
Maximum PV Array Power	6000 W	
MPPT Range @ Operating Voltage	120~430 VDC	
Maximum Solar Charge Current	100 A	120 A
Maximum AC Charge Current	100 A	120 A
Maximum Charge Current	100 A	120 A
PHYSICAL		
Dimension, D x W x H (mm)	140 x 295 x 468	
Net Weight (kgs)	12	
Communication Interface	USB/RS232/RS485/Wi-Fi/Dry-contact	
ENVIRONMENT		
Humidity	5% to 95% Relative Humidity (Non-condensing)	
Operating Temperature	0°C to 55°C	
Storage Temperature	-15°C to 60°C	

Product specifications are subject to change without further notice.