

Haus Royale 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 (Android/iOS App is available)
- 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
- Parallel operation up to 9 units (Optional)



Specifications

MODEL	Haus Royale 3KM-24	Haus Royale 5KM-48
Rated Power	3000VA/3000W	5000VA/5000W
Parallel Operation	Optional up to 9 units	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 \pm 3%	
Output THDv	<3% for linear load, <5% for non-linear load	
Surge Power	6000VA for 5 sec	10000VA 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	24 VDC	48 VDC
Floating Charge Voltage	27 VDC	54 VDC
Max. Charge Voltage	32 VDC	64 VDC
Overcharge Protection	34 VDC	66 VDC
SOLAR CHARGER & AC CHARGER		
Solar Charger type	MPPT	MPPT
Maximum PV Array Open Circuit Voltage	145 VDC	
Maximum PV Array Power	1500 W	4000 W
MPP Range @ Operating Voltage	30 ~ 115 VDC	60~115VDC
Maximum Solar Charge Current	60 A	80 A
Maximum AC Charge Current	60 A	60 A
Maximum Charge Current	120 A	140 A
PHYSICAL		
Dimension, D x W x H (mm)	140 x 300 x 525	140 x 300 x 525
Net Weight (kgs)	13	13.5
Communication Interface	USB/RS232	
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.