

Basic Specifications	
Rated Capacity	100Ah/1,600Wh
Battery Type	LFP
Battery Cycles	6,000 (70%)
Connectivity	
Smart App Control	Yes (Bluetooth, 2.4 GHz WLAN)
PV Terminal	
Max PV Input Voltage	60VDC
Max PV Input Current	16ADC (per Channel)
Max Isc PV	20ADC (per Channel)
Max MPPT Input Power (Total)	1,200W
Operation Voltage Range	16VDC to 60VDC
Number of MPPT	2
AC Input (On-Grid Terminal)	
Max AC Input Power	2,000W
Max AC Input Current	10AAC
AC Rated Input Voltage	L+N+⏏, 220VAC/230VAC, 50Hz
AC Output (On-Grid Terminal)	
AC Output Power	800W
AC Rated Output Voltage	L+N+⏏, 220VAC/230VAC, 50Hz
Max AC Output Current	3.5AAC
Power Factor	0.8 Lagging to 0.8 Leading
Battery Terminal	
Battery Rated Voltage	16VDC
Max Charging Current	70ADC
Max Discharging Current	75ADC
Expandable Battery Quantity	5
Max System Expandable Capacity	9,600Wh
IEC Code	IFpP51/161/120[5S]M /-20+50/90
Rated Charging Power (Single Device)	1,000W
Rated Charging Power with Battery	2,000W
Rated Charging Power with 2-5 Batteries	2,400W
AC Input (Off-Grid Terminal)	
AC Input Power	Maximum 800W from Microinverters
AC Rated Input Voltage	L+N+⏏, 220VAC/230VAC, 50Hz
Power Factor	0.8 Lagging to 0.8 Leading
AC Output (Off-Grid Terminal)	
AC Output Power	1,200W Max Off-Grid 2,000W Max On-Grid When Using AC Input (On-Grid Terminal)
AC Rated Output Voltage	L+N+⏏, 220VAC/230VAC, 50Hz
Power Factor	0.8 Lagging to 0.8 Leading
General Parameters	
Charging Temperature Range	0°C to 55°C
Discharging Temperature Range	-20°C to 55°C
Self-Heating Temperature Range	-20°C to 0°C
Maximum Altitude Rating	Below 4,000m
Protection Rating	IP65
Inverter Topology (Solar)	Isolated
Protective Class	Class I
Warranty	10 Years
Dimensions and Weight	
Dimensions	460 × 249 × 254 mm
Weight	22 kg

