

All-In-One Hybrid Inverter with Storage System



ecowave FEVER-1

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- 6.0kW/15.07kWh All-In-One
 - Wide MPPT range
 - 2 MPPT trackers
 - Type II SPD on DC/AC
 - Max 10 inverters in parallel
 - 19A MPPT input current per string
 - IP66 protection level
 - Support generator and smart loads
 - Integrated and concise design



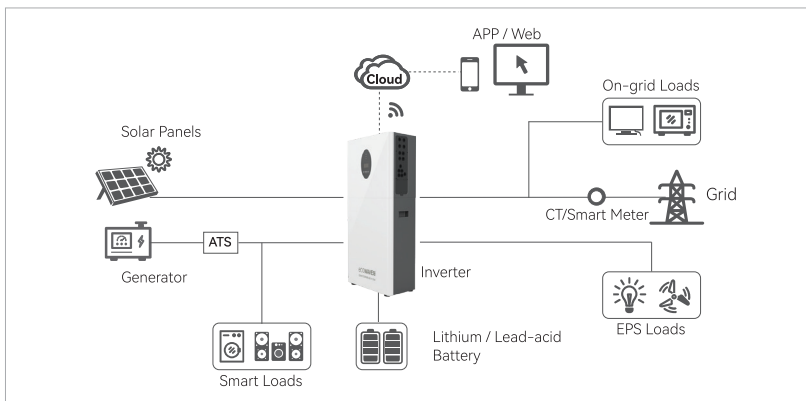
ecowave FEVER-1

System Technical Specifications

Model Number	FEVER-1
Nominal Grid Voltage (Input & Output)	230V(176V~280V) VAC
Grid Type	Single phase
Frequency	50/60 Hz
Nominal Battery Energy	15.07 kWh AC
Nominal Output Power (AC)	6 kW
Maximum Apparent Power	6,600 VA
Maximum Continuous Current	120 ADC 26.1 AAC
Overcurrent Protection Device	32 A
Configurable Maximum Continuous Discharge Power Off-Grid (PV Only, -20 °C to 25 °C)	9 kW
Maximum Continuous Charge Current / Power (FEVER-1 only)	26.1 A/6 KW
Maximum Continuous Charge Current / Power (FEVER-1 with up to (3) Expansion units)	26.1 A/6 KW
Output Power Factor Rating	≥ 0.91
Maximum Output Fault Current (1 s)	32.6 A
Maximum Short-Circuit Current Rating	10 kA
Solar to Battery to Home / Grid Efficiency	88.90%
Solar to Home / Grid Efficiency	96.80%
Power Scalability	Up to 3 FEVER-1 units supported
Connectivity	WiFi
Hardware Interface	DRM/CT/BMS
Protections	AC port short-circuit protection
Customer Interface	Touch LCD & APP
Warranty	10 years
Maximum Solar STC Input	9 kW
Withstand Voltage	550 V DC
PV DC Input Voltage Range	80 - 520 V DC
PV DC MPPT Voltage Range	80 - 520 V DC
MPPTs	2
Maximum Current per MPPT (I _{mp})	19 A
Maximum Short Circuit Current per MPPT (I _{sc})	25 A

Environmental Specifications

Operating Temperature	-25°C to 60°C (-13°F to 140°F)
Operating Humidity (RH)	0~95% (Non-condensing)
Storage Temperature	-40°C to 85°C(INV)
Maximum Elevation	4000m (Derating above 3000m)
Environment	Indoor and outdoor rated
Ingress Rating	IP65
Operating Noise @ 1 m	≤ 29 dB typical ≤ 50 dB maximum



Compliance Information

Certifications

IEC 62109-1/-2; IEC 62619; UN38.3;
IEC 61000-6-1/-2/-3/-4;
AS/NZS 4777.2:2020

Australia / NZ

Mechanical Specifications

Dimensions	550*285*1200 mm (21.6 x 11.2 x 47.2 in)
Total Weight of Installed Unit	186 kg (409.06 lb)
Weight of EcoWave FEVER-1	162 kg (357.15 lb)
Mounting Options	Floor

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