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## Intelligent Power-M



Huawei Power-M is a small hybrid power solution. It integrates grid, solar, DG and battery. It is widely used in off-grid and unreliable grid areas and provides reliable and stable backup power for residences, apartments, etc.



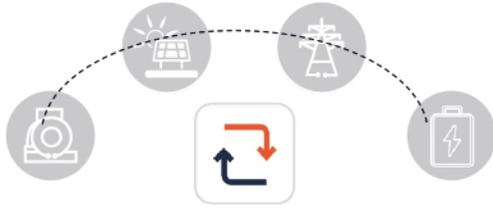
# Power-M

**24-hour** Continuous Power Supply  
**Extraordinary** Experience  
**Secure and Reliable**

# 01 FEATURE

## 24-hour Continuous Power Supply

Multi-energy access scheduling, no-perception switching & fast charging



Solar energy, mains, diesel generator, and battery  
Multi-energy scheduling  
Intelligent Priority Mode Management  
Energy switchover without perception <20ms



Portable power supply



Household appliances



Office equipment

Fast charging in 3 hours (3 batteries)

### Multiple combinations to meet multiple needs

**15kW system**

TV  
Laptops  
Refrigerator  
Aircon  
Geyser  
Stove  
Pool Pump

**10kW system**

TV  
Laptops  
Refrigerator  
Aircon  
Geyser

**5kW system**

TV  
Laptops  
Refrigerator

\*Recommended configuration only for reference

# 02 FEATURE

## Extraordinary Experience

Sleep-level noise, enjoy quiet



**Natural heat dissipation**  
High-efficiency heat dissipation without fans



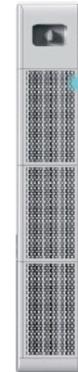
**Silent design**  
<29db Operating noise

\* Recommended ISO base:  
Sleeping environment <30 dB



**Efficient heat dissipation structure & material**

**Closed noise reduction design**



### Local commission APP

#### Local commission real-time online APP



Full link information of power generation, storage and consumption



Full device information



Total power Generation information



Total power Consumption information

# 03 FEATURE

## Secure and Reliable

Multiple protections to ensure power generation and safety



**IP65 waterproof and dustproof**  
Indoor and outdoor compatible deployment



**The most stable lithium battery LFP,**  
no fire risk



**System-level security certification,**  
safe to use



**0V**  
Fast shutdown, ensuring O&M person life safety

### Adapts to complex power grids and resists shock current

**Anti-electric grid jump and high voltage**  
90-300V, wide voltage jump resistance

**Anti-Equipment Start-up Flow Shock**

**1.5 times** of equipment startup current shock



\* Air conditioner, washing machine, motor

### Technical Specifications

Basic parameters	dimensions	700(W) x 1471(H) x 158(D)mm (5kW@15kWh)
	weight	17 kg for each power module and 50 kg for energy storage module
	Protection level	IP65
AC input (Us and D.G.)	AC mode	Single phase
	Current	30 A max
PV input	MPPT voltage range	90-420V DC
	Power	Max. 5.5kW
AC output	Voltage	Single-phase 200/208/220/230/240V AC
	Power	5kWp
Power Capacity	Single	Support max.3 pcs batteries,5kW@max.15kWh
	Parallel	Support max.3 power modules in parallel, each power module supports max.3 pcs batteries, max.3* (5kW@max.15kWh)