



Peak Shaving



Maximum Efficiency

Optimal Power Utilization



EMS Smart Energy Management

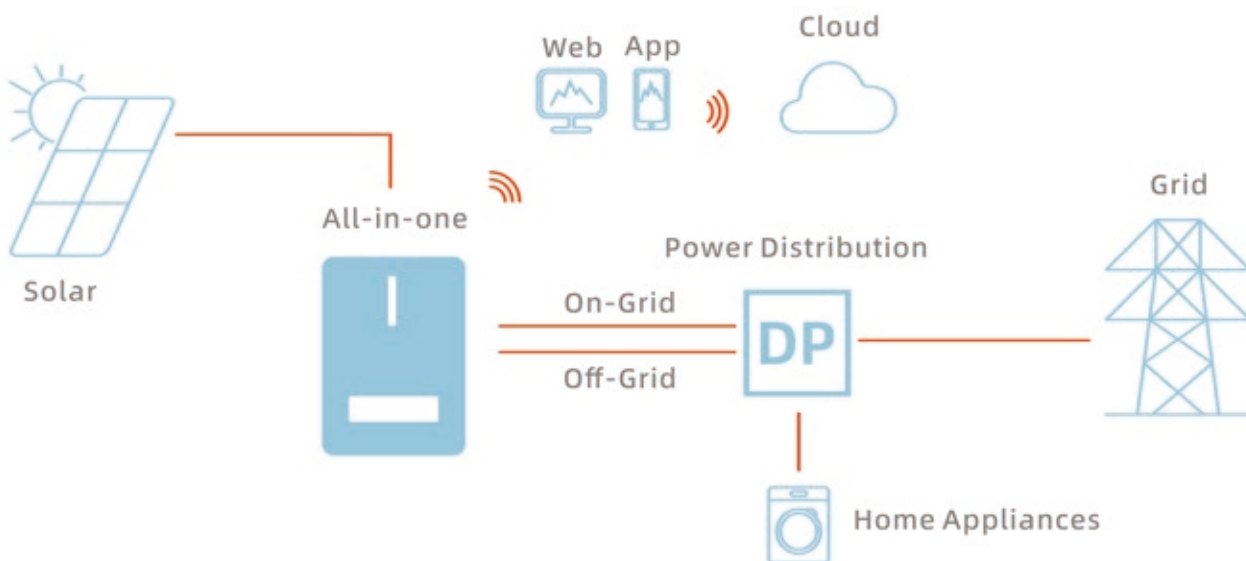


Modularized Design



Off-Grid Operation

JET Single-Phase Micro Energy Storage System is a compact, safe, and efficient all-in-one system that combines solar power, energy storage, and an intelligent grid connection. It is intended for use in regions with limited space, such as irregular rooftops and balconies, and provides self-consumption, plug-and-play functionality, and simple installation. It is powered by JET Smart Monitoring, which allows for remote diagnostics and real-time monitoring to maximize energy generation. JET saves energy, reduces expenses, and ensures dependability.



All-in-one System Specifications

Model	JMS-1200
AC (On-Grid)	
Adaptive network type	Single phase
Rated power	1200W
Maximum apparent power	1200VA
Nominal voltage	220V AC, 230V AC
Maximum current output	5.5A
AC frequency	50Hz, 60Hz
Max. total harmonic distortion	<3%
Power factor adjustment range	0~1
AC (Off-Grid)	
Rated power	1200W
Nominal grid voltage	220V AC, 230V AC
DC frequency	50Hz, 60Hz
DC (PV input)	
Number of MPPT	2
Recommend maximum power of PV module	700Wp*2
Recommend PV Vmp	20~45V
PV input voltage range	0~65VDC
Starting voltage	20V
Max. input current	20A
Battery (Energy storage)	
Energy capacity of battery	2.5kWh
Nominal Voltage	51.2V
Operating Voltage Range	43~59V
Maximum charging power	1.5kW
maximum charging current	30A
Efficiency	
Maximum efficiency of PV charging	98%
Discharge the battery to AC maximum efficiency	95.5%
Communication interface	
CAN	1
WIFI	1
Bluetooth	1

All-in-one System Specifications

Model	JMS-1200
Features	
Operating temerature	-40~55℃
Operating relative humidity	0% - 100% RH
Maximum working altitude	4000 m （if >2000m, the operation derates）
Cooling	Natural convection
Enclosure	IP66
Dimensions(W x H x D)	
Compliances	
Safety standard：	IEC/EN 62109-1/2
DE grid-connected certification：	VDE-AR-N4105:2018-11 DIN V VDE 0124-100:2020
EU grid-connected certification：	EN 50549-1
Functional safety certification：	EN18031-1/2/3
Electromagnetic compatibility（EMC）：	IEC 6100-3-2/3 IEC/EN 61000-6-1/2/3/4 IEC/EN 62920
Wireless RF：	EN 300328 EN IEC 62311 EN 301489-1/-1
Network security certification：	EN 18031-1/2/3
Chemical certification：	RoHS REACH

1. Products for light storage collocation, through the intelligent energy management system to enhance the efficient use of solar energy. Use electricity at night during peak hours to save money and reduce carbon emissions; The product has an interface to support off-grid operation, which can still provide power for important household loads in the event of power failure.
2. With the help of our XX management platform and APP, you can set and optimize energy management to achieve the maximum degree of self-use or maximum safe power reserve and other preferences; Power generation and energy consumption can be monitored remotely at any time.
3. Compact and simple integrated design, whether it is easy to install or use, waterproof and dustproof level reaches IP protection level 66, you can choose to install outdoor and indoor according to demand, more suitable for a variety of residential design.