

4.2kW MPPT INVERTER DATASHEET



Model	HMS 4.2K-24
Rated Power	4200W
AC Voltage Range	220/230/240VAC
Selectable Voltage Range	185-260VAC
Frequency Range	50Hz / 60Hz
Efficiency (Peak)	%98
Surge Power	8000VA
Battery Voltage	24VDC
Transfer Time	≤10ms (UPS Mode) / ≤20ms (INV Mode)
Maximum Pv Input Power	5000W
Maximum AC Charge Current	100A
Maximum Solar Charge Current	120A
Max. PV Array (Open Circuit Voltage)	500VDC
MPPT Tracking Range(Vmp)	90~500VDC
Max. PV Input Current	18A
Dimension, D x W x H (mm)	495x312x125mm
Net Weight (kg)	10.5kg
Paralel Kit	NO
Battery Type	External lead acid battery or water battery, or lithium battery

Pure sine wave inverter

- Selectable input voltage range for home appliances and personal computers
- Support Working without Battery: Reduce Solar System Cost
- Parallel Function Up to Maximum 9 Units: Enlarge More Loads
- Selectable charging current based on applications
- Configurable AC/Solar input priority via LCD setting
- Compatible to AC mains or generator power
- Battery equalization for optimized battery performance and lifecycle
- BMS function for lithium battery
- Lithium Battery Auto-restart Function, More Convenient for Lithium Battery Charging

ENVIRONMENT

Humidity	5% to 95% Relative Humidity (Non - condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C