

OMS-200K

Integration of energy storage



SAFER
RELIABLE
FLEXIBLE
CONVENIENT
ECO-FRIENDLY



► **Safer**

Cobalt Free Lithium Iron Phosphate (LFP) Battery: Safety and long lifespan, high efficiency and high power density. Intelligent BMS, providing complete protection.

► **Reliable**

Support high discharge power. IP54, natural cooling, wide temperature range: -20°C to 55°C.

► **Flexible**

Modular design, easy to expand, suited to residential and commercial applications for increasing the self-consumption ratio.

► **Convenient**

Battery module auto networking, easy maintenance, support remote monitoring and upgrade, support USB drive upgrade the firmware.

► **Eco-Friendly**

Use environmental protection materials, the whole module non-toxic, pollution-free.

MODEL	OMS-200K
Product	HV200K
Nominal Voltage	716.8V
Nominal Capacity	280AH
Cabinet Size(mm)	1626*1245*2175
Weight(kg)	2200KG
Charge/discharge power MAX	140A
Cooling method	Air-cooled
Protection class	IP55
Type of firefighting	Aerosol
BATTERIE SPECIFICATIONS	
Battery Types	51.2V-280AH
Nominal Capacity (KWh)	200KWh
Recommend Charge/Discharge Current (A)	100
Max. Charge/Discharge Current(A)	140
Communication	RS485/CAN
Working Temperature	0°C Charge -10°C ~50°C Discharge
Transport or Storage Temperature Range	-20°C~60°C
Certification	CE/IEC/UL/UN38.3/MSDS
Design Life	10years+
Cycle Life	5C/0.5C-80% DOD >6000 times
Cooling method	Air-cooled
Certification	UN38.3/MSDS/ROHS
AC SPECIFICATIONS	
Rating	50KW/100KW
Overloaded	110%
Rated AC Voltage	400V
Rated frequency	50/60Hz
Communication	Ethernet/Modbus/TCP/IP
Inverter Type	Deye/Solis/Megarevo/Other