

Wattsolar All-In-One Battery Energy Storage System

50KWH ALL-IN-ONE

Wattsolar 50KWH 100KWH
200KWH 225KWH
ALL-IN-ONE BESS ,
Designed specifically for
commercial and
industrial (C&I) field,



Product Advantages



All In One

Integrating battery packs



Intelligent Integration

Integrated photovoltaic storage cabinet



High-capacity

50~225kwh



Rated AC Power

30~100kw



Degree of Protection

IP55



Operating Temperature Range

-25~60°C (Derating above 45°C)

WS-50K

MODEL	WS -50K
Product	HV50K
Nominal Voltage	512V
Nominal Capacity	100AH
Cabinet Size(mm)	640*830*1900
Weight(kg)	750KG
Charge/discharge power MAX	100A
Cooling method	Air-cooled
Protection class	IP55
Type of firefighting	Aerosol
BATTERIE SPECIFICATIONS	PARAMETER
Battery Types	51.2V-100AH
Nominal Capacity (Kwh)	51KWh
Recommend Charge/Discharge Current (A)	50
Max Charge/Discharge Current(A)	100
Communicaiton	RS485/CAN
Working Temperature	0°C~50°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	(0.5C/0.5C-80% DOD) >6000 times
Cooling method	Air-cooled
Certification	UN38.3/MSDS/ROHS
AC SPECIFICATIONS	PARAMETER
Rating	50KW
Overloaded	110%
Rated AC Voltage	400V
Rated frequency	50/60Hz
Communicaiton	Ethernet/Modbus/TCP/IP
Inverter Type	Deye/Solis/Megarevo/Other

The manual is for reference only and is subject to actual communication

WS-100K

MODEL	WS -100K
Product	HV100K
Nominal Voltage	358.4V
Nominal Capacity	280AH
Cabinet Size(mm)	1250*1245*2175
Weight(kg)	1260KG
Charge/discharge power MAX	140A
Cooling method	Air-cooled
Protection class	IP55
Type of firefighting	Aerosol
BATTERIE SPECIFICATIONS	PARAMETER
Battery Types	51.2V-280AH
Nominal Capacity (Kwh)	100KWh
Recommend Charge/Discharge Current (A)	100
Max. Charge/Discharge Current(A)	140
Communicaiton	RS485/CAN
Working Temperature	0°C~50°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	(0.5C/0.5C-80% DOD) >6000 times
Cooling method	Air-cooled
Certification	UN38.3/MSDS/ROHS
AC SPECIFICATIONS	PARAMETER
Rating	50KW
Overloaded	110%
Rated AC Voltage	400V
Rated frequency	50/60Hz
Communicaiton	Ethernet/Modbus/TCP/IP
Inverter Type	Deye/Solis/Megarevo/Other

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WS-200K

MODEL	WS -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	PARAMETER
Battery Types	51.2V-280AH
Nominal Capacity (Kwh)	200KWh
Recommend Charge/Discharge Current (A)	100
Max. Charge/Discharge Current(A)	140
Communicaiton	RS485/CAN
Working Temperature	0°C~50°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	(0.5C/0.5C-80% DOD) >6000 times
Cooling method	Air-cooled
Certification	UN38.3/MSDS/ROHS

AC SPECIFICATIONS	PARAMETER
Rating	100KW
Overloaded	110%
Rated AC Voltage	400V
Rated frequency	50/60Hz
Communicaiton	Ethernet/Modbus/TCP/IP
Inverter Type	Deye/Solis/Megarevo/Other

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WS-255K

MODEL	WS -225K
Product	HV225K
Nominal Voltage	716.8V
Nominal Capacity	314AH
Cabinet Size(mm)	1626*1245*2175
Weight(kg)	2200KG
Charge/discharge power MAX	160A
Cooling method	Air-cooled
Protection class	IP55
Type of firefighting	Aerosol

BATTERIE SPECIFICATIONS	PARAMETER
Battery Types	51.2V-314AH
Nominal Capacity (Kwh)	225KWh
Recommend Charge/Discharge Current (A)	100
Max. Charge/Discharge Current(A)	160
Communicaiton	RS485/CAN
Working Temperature	0°C~50°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	(0.5C/0.5C-80% DOD) >6000 times
Cooling method	Air-cooled
Certification	UN38.3/MSDS/ROHS

AC SPECIFICATIONS	PARAMETER
Rating	100KW
Overloaded	110%
Rated AC Voltage	400V
Rated frequency	50/60Hz
Communicaiton	Ethernet/Modbus/TCP/IP
Inverter Type	Deye/Solis/Megarevo/Other

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