

40FT/20FT BESS



OVERVIEW

Outdoor containerized solution with IP54 protection level to handle harsh environment condition, inbuilt with battery, inverter, solar charge controller and bypass cabinet, total turn-key solution

FEATURES

Cost-effective

Highly integrated

plug-and-play

Easy installation and maintenance

OMS-BESS

型号 MODEL	OMS-500K/1000KWH	OMS-1000K/2000KWH
产品规格 Product	HV-1000K	HV-2000K
额定电压 Nominal Voltage	614~768V	614~768V
额定容量 Nominal Capacity	1000KWH	2000KWH
柜体尺寸 Cabinet Size(mm)	6058*2591*2438mm	12192*2896*2438mm
整机重量 Weight(kg)	23000KG	43000KG
箱体重量 Box weight / 电池重量 Battery weight	9000KG / 14000KG	15000KG / 28000KG
冷却方式 Cooling method	Air-cooled	Air-cooled
防护等级 Protection class	IP54	IP54
消防类型 Type of firefighting	Aerosol	Aerosol
电池侧 规格 BATTERIE SPECIFICATIONS	PARAMETER	PARAMETER
电芯类型 Battery Types	51.2V-280AH	51.2V-280AH
额定电量 Nominal Capacity (KWh)	1000KWh	2000KWh
推荐工作电流 Recommend Charge/Discharge Current (A)	700	1400
最大工作电流 Max. Charge/Discharge Current(A)	700	1400
通讯方式 Communicaiton	RS485/CAN	RS485/CAN
工作温度 Working Temperature	0°C~50°C Charge -10°C ~50°C Discharge	0°C~50°C Charge -10°C ~50°C Discharge
存储及运输温度 Transport or Storage Temperature Range	-20°C~60°C	-20°C~60°C
产品认证 Certification	CE/IEC/UL/UN38.3/MSDS	CE/IEC/UL/UN38.3/MSDS
设计寿命 Design Life	10years+	10years+
产品循环寿命 Cycle Life	(0.5C/0.5C-80% D0D) >6000 times	(0.5C/0.5C-80% D0D) >6000 times
冷却方式 Cooling method	Air-cooled	Air-cooled
证书 Certification	UN38.3/MSDS/ROHS	UN38.3/MSDS/ROHS
交流侧 规格 AC SPECIFICATIONS	PARAMETER	PARAMETER
额定功率 Rating	500KW	500KW/1000KW
过载能力 Overloaded	110%	110%
额定交流电压 Rated AC Voltage	400V	400V
额定频率 Rated frequency	50/60Hz	50/60Hz
通讯方式 Communicaiton	Ethernet/Modbus/TCP/IP	Ethernet/Modbus/TCP/IP
逆变器类型 Inverter Type	MPS / ATESS / Other	MPS / ATESS / Other

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