

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-20FT	OMS-40FT
产品规格 Product	HV-20FT	HV-40FT
额定电压 Nominal Voltage	614~819.2V	
额定容量 Nominal Capacity	500~1200KWH	1200~3000KWH
柜体尺寸 Cabinet Size(mm)	4500*2000*2500mm	6058*2591*2438mm
整机重量 Weight(kg)	/KG	
箱体重量 Box weight / 电池重量 Battery weight	/KG	
冷却方式 Cooling method	Air-cooled	
防护等级 Protection class	IP54	
消防类型 Type of firefighting	Aerosol	
电池侧 规格 BATTERIE SPECIFICATIONS	PARAMETER	PARAMETER
电芯类型 Battery Types	51.2V-280/314AH	
额定电量 Nominal Capacity (KWh)	500~1200KWH	1200~3000KWH
推荐工作电流 Recommend Charge/Discharge Current (A)	1400 MAX	
最大工作电流 Max. Charge/Discharge Current(A)	1400 MAX	
通讯方式 Communicaiton	RS485/CAN	
工作温度 Working Temperature	0℃~50℃ Charge -10℃ ~50℃ Discharge	
存储及运输温度 Transport or Storage Temperature Range	-20℃~60℃	
产品认证 Certification	CE/IEC/UL/UN38.3/MSDS	
设计寿命 Design Life	10years+	
产品循环寿命 Cycle Life	(0.5C/0.5C-80% D0D) >6000 times	
冷却方式 Cooling method	Air-cooled	
证 书 Certification	UN38.3/MSDS/ROHS	
交流侧 规格 AC SPECIFICATIONS	PARAMETER	PARAMETER
额定功率 Rating	150~500KW	500~1500KW
过载能力 Overloaded	110%	
额定交流电压 Rated AC Voltage	220V/400V/440V	
额定频率 Rated frequency	50/60Hz	
通讯方式 Communicaiton	Ethernet/Modbus/TCP/IP	
逆变器类型 Inverter Type	MPS / ATESS / Other	

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