

应用领域

通信基站储能削峰填谷



参数/型号		6kW-30kWh	10kW-30kWh	15kW-30kWh
交流侧参数	电网额定功率	6kVA	10kVA	15kVA
	额定电压	380/400V;3W+N+PE		
	额定频率	50/60Hz		
	电网最大视在功率	6.6kVA	11kVA	16.5kVA
	电网额定/最大输出电流	8.7/9.5A	14.4/15.9A	21.7/23.8A
	THDi	<3%		
	最大输入视在功率	13.2kVA	22kVA	33kVA
最大输入视在电流	19.1A	31.8A	47.6A	
应急电源输出EPS	额定输出功率	6kVA	10kVA	15kVA
	最大视在功率	6.6kVA	11kVA	16.5kVA
	额定/最大输出电流	8.7/9.5A	14.4/15.9A	21.7/23.8A
	额定输出频率	50/60Hz		
	额定输出电压	400V;3W+N+PE;		
	THDu	<2%		
	最高效率/欧洲效率	97.9/97.2%	98.2%/97.5%	98.5/97.6%
PV参数	MPPT效率	99.50%		
	电池最大充放电效率	97.50%	97.50%	97.80%
	最大光伏输入功率	9kW	15kW	22.5kW
	最大光伏电压	1000V		
	MPPT电压范围	180~850V		
	全功率MPPT电压范围	250~850V	430~850V	620~850V
	最小输入电压/启动电压	125/180V		
电池参数	每路MPPT最大输入电流	13/13A		
	最大短路电流	16A	16A	25A
	MPPT跟踪器数量	2		
	额定光伏输入电压	700V		
	电芯容量	100Ah		
	系统及模组	1P16S *6组		
	系统电量	30.72kWh		
常规参数	电池电压范围	268.8~345.6V;150~550V (PCS的电池最佳工作电压)		
	最大充/放电功率	6.6kW	11kW	16.5kW
	最大充/放电电流	50A		
	额定充/放电电流	40A		
	电池类型/通讯类型	磷酸铁锂/CAN		
	电池电压范围	268.8~345.6V;150~550V (PCS的电池最佳工作电压)		
	防护	IP65		
工作温度	0~50°C			
工作海拔	4000m (>2000降额)			
尺寸(W*D*H)	700*700 (910含空调/PCS) *1350mm			
重量	<500Kg			
并机	支持			
热管理	空调			
安全认证	IEC/EN62109-1:2010, IEC/EN62109-2:2011			
支持通讯接口	WiFi/GPRS			
显示	LCD/APP			



深圳昆宇电源科技有限公司

网址:WWW.COSPOWERS.COM

地址:深圳市宝安区燕罗街道罗田社区第三工业区广田路2号

电话:0755-33185898

版权及最终解释权归深圳昆宇电源科技有限公司所有

INTEGRATED ENERGY CABINET

COSPOWERS

Application Field

Energy Storage in Communication
Base Stations for Peak Shaving and
Valley Filling



	Model	6kW-30kWh	10kW-30kWh	15kW-30kWh
AC-side parameters	Grid rated power	6kVA	10kVA	15kVA
	Rated voltage	380/400V; 3W+N+PE		
	Rated frequency	50/60Hz		
	Grid maximum apparent power	6.6kVA	11kVA	16.5kVA
	Grid rated/maximum output current	8.7/9.5A	14.4/15.9A	21.7/23.8A
	THDi	<3%		
EPS	Maximum input apparent power	13.2kVA	22kVA	33kVA
	Maximum input apparent current	19.1A	31.8A	47.6A
	Rated output power	6kVA	10kVA	15kVA
	Maximum apparent power	6.6kVA	11kVA	16.5kVA
	Rated/maximum output current	8.7/9.5A	14.4/15.9A	21.7/23.8A
	Rated output frequency	50/60Hz		
	Rated output voltage	400V; 3W+N+PE;		
	THDu	<2%		
	Highest efficiency/European efficiency	97.9/97.2%	98.2%/97.5%	98.5/97.6%
	MPPT efficiency	99.50%		
PV	Maximum battery charge/discharge efficiency	97.50%	97.50%	97.80%
	Maximum photovoltaic input power	9kW	15kW	22.5kW
	Maximum photovoltaic voltage	1000V		
	MPPT voltage range	180-850V		
	Full power MPPT voltage range	250~850V	430-850V	620~850V
	Minimum input voltage/start-up voltage	125/180V		
	Maximum input current per MPPT channel	13/13A		
	Maximum short-circuit current	16A	16A	25A
Battery parameters	Number of MPPT trackers	2		
	Rated photovoltaic input voltage	700V		
	Cell capacity	100Ah		
	System and modules	1P16S *6 sets		
	System energy	30.72kWh		
	Battery voltage range	268.8-345.6V; 150-550V (Optimal operating voltage of the battery for the PCS)		
	Maximum charge/discharge power	6.6kW	11kW	16.5kW
	Maximum charge/discharge current	50A		
	Rated charge/discharge current	40A		
	Battery type/communication type	LFP/CAN		
General parameters	Battery voltage range	268.8-345.6V; 150-550V (Optimal operating voltage of the battery for the PCS)		
	Protection	IP65		
	Operating temperature	0~50°C		
	Operating altitude	4000m (>2000Derating)		
	Size(W*D*H)	700 *700 (910Including air conditioner/PCS) *1350		
	Weight	<500Kg		
	Parallel operation	Support		
	Thermal management	Air conditioner		
	Safety certification	IEC/EN62109-1:2010, IEC/EN62109-2:2011,		
	Supported communication interfaces	WiFi/GPRS		
	Display	LCD/APP		



Shenzhen Coslight Power Technology Co., Ltd.

W: WWW.COSPOWERS.COM

A: No.2, Guangtian Road, No.3 Industrial Zone, Luotian Community, Yanluo Street, Baoan District, Shenzhen, Guangdong Province, P.R.C

T: +86-755-33185898

Copyright and final interpretation rights belong to Shenzhen Coslight Power Technology Co., Ltd.