ZZZ MLQNRVRODU FRP

Building Y olar

SPECIFICATIONS

	System capacity	3.6kW-7.2kWh	5kW-9.6kWh	8kW-19.2kWh
INPUT PV	Max.recommended PV panel power[W]	4.68kW	6.5kW	10.4kW
	Max.DC voltage[V]	500V		
	Input voltage range[V]	100V~500V		
	Norminal DC operating voltage[V]	370		
	Max. input current(per mppt)[A]	12.5	12.5	22
	Max. short circuit current(per mppt)[A]	20+20	20+20	20x2+20x2
	MPPT voltage range[V]	125-425V		
	No. of MPP trackers	2		
	Strings per MPP tracker	1+1	1+1	2+2
BATTERY	Battery type	LFP		
	Norminal battery energy[kwh]	7.2kWh	9.6kWh	19.2kWh
	Battery voltage range[V]	42-51.5V		
	Norminal battery voltage [V]	48		
	Max.charge/discharge current[A]	76.5/90	100/120	150/185
	Communication interfaces	R485/CAN		
OUTPUT AC	Grid type	1Φ 3W 230V		
	Rated grid Frequency[Hz]	50/60		
	Norminal AC outpout power[W]	3600	5000	8000
	Norminal AC output current[A]	15.7	21.7	35
	Max. AC output current[A]	18	24	40
OUTPUT EPS	EPS rated voltage[V]	230		
	EPS rated Frequency[Hz]	50Hz/60Hz		
	EPS rated power[W]	3600	5000	8000
	EPS peak power[W]	3960	5500	8800
EFFICIENCY	PCS Certifications	97.6%		
	Battery safety certiifications	95%		
CERTIFICATION	Max. PV to AC efficiency	VDE0126, IEC62109-1/2, IEC61683		
	Max. Battery to AC efficiency	UL1973,IEC62619, UN38.3		
ENVIRONMENT LIMIT	IP Level	IP65(Inverter) IP55(Battery)		
	PCS operating temperature range[℃]	-25~60℃, >45℃ Derating		
	Battery operating temperature range[℃]	0-45		
	Altitude[m]	2000		
OTHERS	Noise emission(typical)[dB]	<30		
	Cooling concept	Natural convection		
	Insulating method	Transformerless		
	Communication	External:APP/Web Battery:CAN2.0		
	Warranty	5 years / 10 years(optional)		
DIMENSIONS AND WEIGHT	Cabinet dimensions[mm]	510x1130x290mm		
	Cabinet weight[kg]	116	140	140
	PCS dimensions[mm]	580x208x330mm	680x233x420mm	680x233x420mm
	PCS weight [kg]	20.5	20.5	32

&$87,21 5($' 6$)(7< $1' ,167$//$7,21 ,16758&7,21 7+(%()25(3522 &876,1*
‹ -LQNR 6RODU &R /WG $OO ULJKWV UHVHUYHG 6SHFLILFDWLRQV LQFOXGHG LQ WKLV GDWDVKHHW DUH VXEMHFW WR