

ZZZ MLQNRVRODU FRP

SPECIFICATIONS

System capacity			
INPUT PV	Max.recommended PV panel power[W]	4.68kW	6.5kW10.4kW
	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	12.522
	Max. short circuit current(per mppt)[A]	20+20	20x2+20x2
	MPPT voltage range[V]	125-425V	
	No. of MPP trackers	2	
	Strings per MPP tracker	1+1	1+12+2
	Battery type	LFP	
BATTERY	Norminal battery energy[kwh]	7.2kWh	9.6kWh19.2kWh
	Battery voltage range[V]	42-51.5V	
	Norminal battery voltage [V]	48	
	Max.charge/discharge current[A]	76.5/90	100/120150/185
	Communication interfaces	R485/CAN	
	Grid type	1Φ 3W 230V	
OUTPUT AC	Rated grid Frequency[Hz]	50/60	
	Norminal AC outpout power[W]	3600	50008000
	Norminal AC output current[A]	15.7	21.735
	Max. AC output current[A]	18	2440
	EPS rated voltage[V]	230	
OUTPUT EPS	EPS rated Frequency[Hz]	50Hz/60Hz	
	EPS rated power[W]	3600	50008000
	EPS peak power[W]	3960	55008800
	PCS Certifications	97.6%	
EFFICIENCY	Battery safety certiifications	95%	
	Max. PV to AC efficiency	VDE0126, IEC62109-1/2, IEC61683	
CERTIFICATION	Max. Battery to AC efficiency	UL1973,IEC62619, UN38.3	
	IP Level	IP65(Inverter) IP55(Battery)	
ENVIRONMENT LIMIT	PCS operating temperature range[C]	-25~60 C , >45 C Derating	
	Battery operating temperature range[C]	0-45	
	Altitude[m]	2000	
	Noise emission(typical)[dB]	<30	
OTHERS	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	140140
	PCS dimensions[mm]	580x208x330mm	680x233x420mm680x233x420mm
	PCS weight [kg]	20.5	20.532