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SPECIFICATIONS

System capacity		10kW/12.5kWh	10kW/25kWh	
INPUT PV	Max.recommended PV panel power[W]	13kW		
	Max.DC voltage[V]	1000V		
	Input voltage range[V]	200-1000		
	Norminal DC operating voltage[V]	620		
	Max. input current(per mppt)[A]	12.5 / 12.5		
	Max. short circuit current(per mppt)[A]	15.2 / 15.2		
	MPPT voltage range[V]	250-850V		
	No. of MPP trackers	2		
	Strings per MPP tracker	1+1		
	BATTERY	Battery type	LiFePO4	
Norminal module energy[kwh]		2.56kWh		
Module voltage range[V]		86.4V~112V		
Norminal cabinet energy[kwh]		12.5kWh	25kWh	
Cabinet voltage range[V]		432V~560V		
Norminal cabinet battery voltage [V]		512		
Max.charge/discharge current[A]		14/20	25/25	
Communication interfaces		RS485 / CAN		
Grid type		3Φ 400Vac		
OUTPUT AC		Rated grid Frequency[Hz]	50/60	
	Norminal AC outpout power[W]	10000		
	Norminal AC output current[A]	15.2 / 14.4		
	Max. AC output current[A]	16.5		
	EPS rated voltage[V]	400		
	EPS rated Frequency[Hz]	50Hz / 60Hz		
	EPS rated power[VA]	10000		
	EPS peak power[VA]	10000		
EFFICIENCY	Max. PV to AC efficiency	98.2%		
	Max. Battery to AC efficiency	97.5%		
CERTIFICATION	PCS Certifications	VDE-AR-N 4105, VDE V 0124, VDE V 0126-1-1, UTE C15-712-1, NRS 097-1-2, G98, G99, EN 50549-1/-2, RD 1699, UNE 206006, UNE 206007-1, CEI 0-21		
	Battery safety certiifications	IEC62619,UN38.3		
ENVIRONMENT LIMIT	IP Level	IP65(Inverter) IP55(Battery)		
	PCS operating temperature range[C]	-35~60℃		
	Battery operating temperature range[C]	0-45		
	Altitude[m]	4000		
	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]	660*1650*260mm		
	Cabinet weight[kg]	195kg		
	PCS dimensions[mm]	516x415x180mm		
	PCS weight [kg]	25.1kg		

CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT.

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