

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	
	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[℃]	-35~60℃	
	Battery operating temperature range[℃]	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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