SAL 12KT- EU

Solar storage inverter

Application Scenario

※**Pictures shown are for illustrative purposes only. The physical product shall prevail.**

House	Farm	Telecom	Countryside	Island	Pasture

Product Feauture

- Support carp-ion battery BMS communication
- Reliable output, long-term operation at rated power
- 2 high-efficiency, independent MPPT ports
- Battery can use PV maximum to input voltage 800Vdc or not use.
- Both are configured the grid and PV prioritize.
- Load power up to 10 kilowatts

- Support 6 machines in parallel,
- if the photovoltaic power is insufficient, the photovoltaic can be combined withhe power grid and battery t supply the load
- Economic model can be used to charge and discharge the inverter.
- Power grid and oil machine can be freely selected.

Product Feauture

Datasheet	SAL 12KT- EU
Battery Input/ Output Data	
Battery Voltage	48VDC
Hybrid Charging Maximum Charging Curren	**260A**
Battery Type	Lithium/ Lead- acid
Solar Input Data	
Maximum PV Input Power	2*12000W
MPPT Range @ Operating Voltage	200VDC -700VDC
Maximum PV Input Current	22A*2
Number of Independent MPP Trackers/ Strings Per MPP Tracker	2/2
Maximum PV Open- circuit Voltage	800VDC
Maximum Solar Charge Current	260A
AC Output Data	
Rated Power	12000VA/12000W
Parallel Capabilitye	Yes, 6 units maximum
AC Voltage Regulation	230/400VAC 3P ± 5% @ 50/60Hz
Surge Power	24000VA
Effi ciency (Peak)	93%
Waveform	Pure sine wave
Transfer Time	10ms typical, 20ms Max
AC Charger Data	
Charge Current	120A
AC Input Voltage	230 /400 VAC 3P
Selectable Voltage Range	170-280 VAC (L/N) ; 305-485 VAC (L1/L2/L3)
Frequency Range	50Hz/60Hz (Auto sensing)
PHYSICAL Data	
Protection Degree	IP21
Dimension (L/ W/ D)	639(L)x445(W)x131.6(D)mm
Packaging Dimension (L/ W/ D)	802(L)x567(W)x240(D)mm
Net Weight	26KG
OPERATING ENVIRONMENT Data	
Certifi cate	IEC62109-1/2, EN61000-6-1/3
Humidity	5% to 95% Relative Humidity(Non-condensing)
EMC Certifi cation Level(EMC)	class B
Altitude	<2000m
Operating Temperature	-10°C - 55°C
Storage Temperature	-15°C - 60°C