



SAL 3K-EU/US

Solar storage inverter



Application Scenario



House



Farm



Telecom



Countryside



Island



Pasture

Product Feature

- Adopt DSP full digital control mode
- High precision MPPT controller.
- The battery has a balanced charging mode
- Battery can use PV maximum to input voltage 500Vdc or not use.
- Both are configured the grid and PV prioritize.
- Monitoring system WIFI/GPRS option
- Support 6 machines in parallel, constitute three-phase four-wire power generation system.
- If the photovoltaic power is insufficient, the photovoltaic can be combined with the power grid and battery to supply the load
- Economic model can be used to charge and discharge the inverter.
- Power grid and oil machine can be freely selected.

Product Feature

Datasheet	SAL 3K-EU/ US
Battery Input/ Output Data	
Battery Voltage	24VDC
Hybrid Charging Maximum Charging Curren	80A
Battery Type	Lithium/Lead-acid
Solar Input Data	
Maximum PV Input Power	4000W
MPPT Range @ Operating Voltage	120VDC -450VDC
Maximum PV Input Current	13A
Number of Independent MPP Trackers/ Strings Per MPP Tracker	1/1
Maximum PV Open-circuit Voltage	500VDC
Maximum Solar Charge Current	80A
AC Output Data	
Rated Power	3300VA/3300W
Parallel Capability	NO
AC Voltage Regulation	EU (230VAC ± 5% @ 50/60Hz) US (120VAC ± 5% @ 50/60Hz)
Surge Power	6000VA
Efficiency (Peak)	93%
Waveform	Pure sine wave
Transfer Time	10ms typical, 20ms Max
AC Charger Data	
Charge Current	60A
AC Input Voltage	EU (230 VAC) US (120 VAC)
Selectable Voltage Range	170-280 VAC (For Personal Computers) ; 90-280 VAC (For Home Appliances)
Frequency Range	50Hz/60Hz (Auto sensing)
PHYSICAL Data	
Protection Degree	IP20
Dimension (L/W/D)	460(L)x285(W)x113(D)mm
Packaging Dimension (L/W/D)	590 (L)x365(W)x200(D)mm
Net Weight	8KG
OPERATING ENVIRONMENT Data	
Certificate	EU (IEC62109-1/2, EN61000-6-1/3) US (UL1741/FCC3)
Humidity	5% to 95% Relative Humidity(Non-condensing)
EMC Certification Level (EMC)	EU (class B) US (FCC)
Altitude	<2000m
Operating Temperature	0°C - 55°C
Storage Temperature	-15°C - 60°C