



Yorker

SSA-HL5K-P1EU \ Off-Grid Single Phase Hybrid Inverter



Ti 28 Ti 28 series DSP ensures fast stable, and reliable operation.



It supports Crown Elektraboost and lead-acid batteries.



It can Parallel upto 6units.



Supports bidirectional DC soft start, extending service life.



Built-in MPPT solar charge controller tracking efficiency up to 99.5%



Built-in parallel kit.



WORKS WITHOUT BATTERY



6000W
MPPT (SUPPORT UPTO 18A SOLAR PANELS)



100A
CHARGE CONTROLLER



SOLARMAN SMART FOR ENDUSER



ANTI DUST KIT



IP21



SOLAR OF THINGS APP FOR REMOTE MONITORING.



SOLARMAN BUSINESS FOR INSTALLERS AND EPC

TECHNICAL PARAMETERS

Modle Name	SSA-HL5K-P1EU
ProductType	Off-Grid Single Phase Hybrid Inverter

Battery

Battery Type	lithium/Lead-acid
Voltage (range)	42-56.4 d.c.V
Nominal Battery Voltage	48 d.c.V
Charge Current (Maximum Continuous)	80 d.c.V

PV Input

MAX.PV Input Power	6000W
MPPT Tracking Range	120-430Vd.c.
Best Voltage	300-340 Vd.c.
Vmax-PV (Absolutemaximum)	500 d.c.V
Maximum Operating PV-Input Current	18 d.c.A
Vmax-PV (Absolutemaximum)	22 d.c.A
Max.Inverter Back Feed Current Tothearray	/

AC Input

Voltage (Nominal)	220/230 a.c.V
Current (Maximum Continuous)	40a.c.A
Frequency (nominal)	50/60Hz

AC Output

Voltage (Nominal)	220/230 a.c.V
Current (Maximum Continuous)	15.6 a.c.V
Frequency (Nominal)	50/60Hz
Power (Maximum Continuous)	5000VA
Power Factor	1
Maximum Output Over Current Protection	10s@110%-130%Load 0.2s@>150% Load

General Parameter

OperatingTemperature	-10-+15°C (output Power Linely Derating When Exceed +50°C)
Humidity	20% -95% (Non-Condensing)
StorageTemperature	-15 - 60°C
Altitude	Not Over 1000m, Derating Over 2000m, Max 4000m. Refer to IEC62040
Noise	≤50dBA

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Display and Communication

LCD Display	DisplayRunningMode/Loads/Input/Outputetc.
RS232 Communication	Baud Rate 2400 (9600 for 3K6)
Port Parallel Connect	LithiumBatteryBMSCommunicationCard.DryContact
Interface Operating	WithParallel