







Yorker


SSA-HL3K-PIEU \ Off-Grid Single Phase Hybrid Inverter


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Ti 28 Ti 28 series DSP ensures fast, stable, and reliable operation.
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Supports bidirectional DC soft start, extending service life.
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It supports Crown Elektraboost and lead-acid batteries.
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Built-in MPPT solar charge controller, tracking efficiency up to 99.5%
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It can Parallel upto 6units.
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Built-in parallel kit.



TECHNICAL PARAMETERS

Modle Name	SSA-HL3K6-P1EU
ProductType	Off-Grid Single Phase Hybrid Inverter

Battery

Battery Type	lithium/Lead-acid
Voltage (range)	21-30.2 d.c.V
Nominal Battery Voltage	24 d.c.V
Charge Current (Maximum Continuous)	100 d.c.V

PV Input

MAX.PV Input Power	5000W
MPPT Tracking Range	40-450Vd.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)	20a.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)	3600VA
Power Factor	1
Maximum Output Over Current Protection	1min@102%-110%Load 3s@130%-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	WithoutParallelConnect