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Easy to install
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A variety of intelligent working modes
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Remote monitoring via APP or Web
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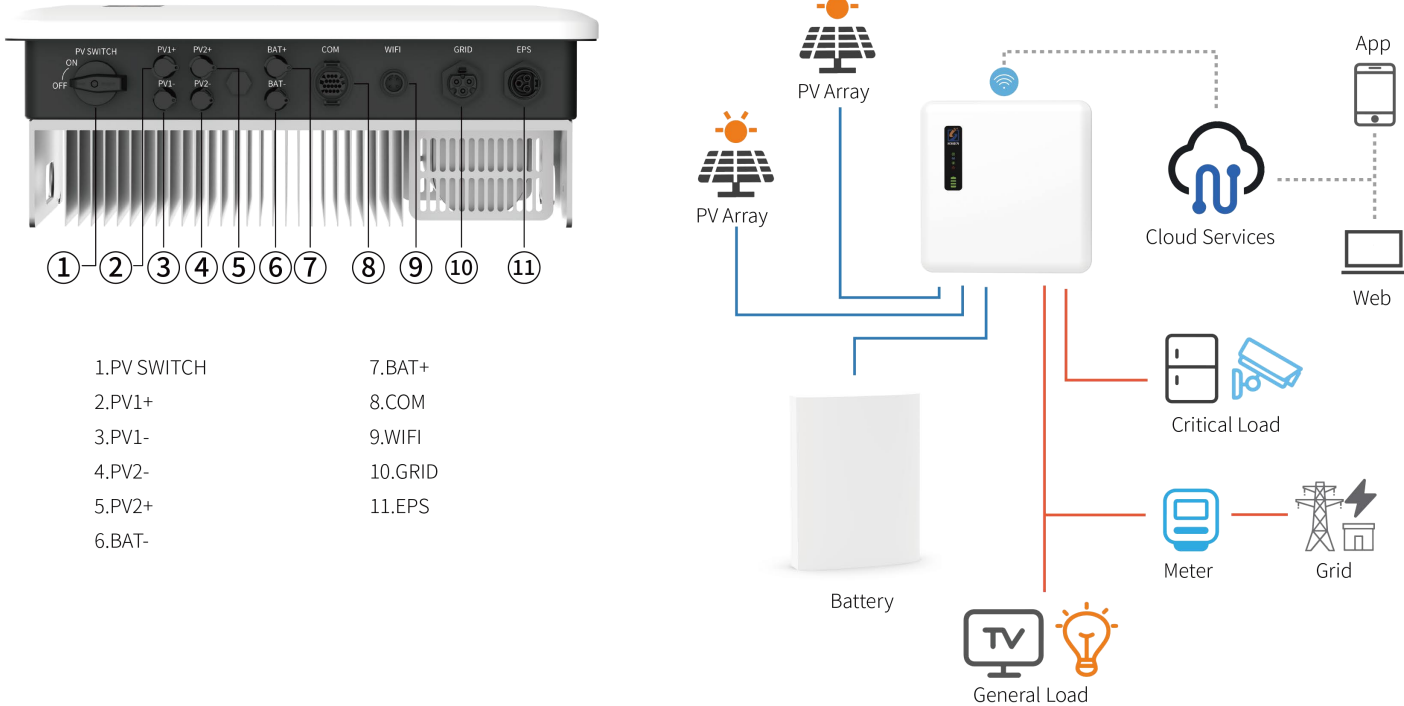
Support wide range battery voltage from 85 to 460 V
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IP65, fanless design, long lifespan
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With UPS function, switch time <20ms

Port Description

Product Application Diagram



TECHNICAL SPECIFICATION					
Model	SSE-HH3K-P1EU	SSE-HH3K7-P1EU	SSE-HH4K6-P1EU	SSE-HH5K-P1EU	SSE-HH6K-P1EU
INVERTER INPUT / OUTPUT (GRID)					
Rated Power	3 kW+3 kW (bypass)	3.68 kW+3.68 kW (bypass)	4.6 kW+4.6 kW (bypass)	5 kW+5 kW (bypass)	6 kW+6 kW (bypass)
Voltage (Nominal or Range)	220 /230 /240 V a.c., L+N+PE				
Frequency (Nominal or Range)	50 / 60 Hz				
Power Factor Range	0.8 leading ~ 0.8 lagging				
Wave Form	Pure Sine Wave				
Switch Time	<20 ms				
Current (Maximum Continuous)	13 A a.c.	16 A a.c.	20 A a.c.	21.7 A a.c.	26.1 A a.c.
Max. Output Overcurrent Protection	250 V a.c. / 60 A a.c.				
BATTERY					
Battery Type	Lithium /Lead-acid				
Battery Voltage Range	85 ~460 V d.c.				
Nominal Battery Voltage	300 V d.c.				
Max. Charge Current	35 A d.c.	35 A d.c.	35 A d.c.	35 A d.c.	35 A d.c.
Max. Discharge Current	35 A d.c.	35 A d.c.	35 A d.c.	35 A d.c.	35 A d.c.
Reverse Connect Protection	Yes				
PV INPUT					
No. of MPPT Tracker/Strings	2/1+1				
Max. PV Array Power	3 kW / 3 kW	3.68 kW / 3.68 kW	4.14 kW / 4.14 kW	4.5 kW/ 4.5 kW	4.5 kW/ 4.5 kW
Max. DC Voltage	600 V d.c.				
MPPT Voltage Range	80~550 V d.c.				
Start-up Voltage	120 V d.c.				
Max. Input Current	16 /16 A d.c.				
Isc PV (Absolute Maximum)	24 /24 A d.c.				
AC OUTPUT (EPS)					
EPS Rated Output Voltage	220 /230 /240 V a.c., L+N+PE				
EPS Rated Output Frequency	50 / 60 Hz				
EPS Rated Output Active Power	3 kW	3.68 kW	4.6 kW	5 kW	6 kW
EPS Rated Output Apparent Power	3 kVA	3.68 kVA	4.6 kVA	5 kVA	6 kVA
EPS Rated Output Current	13 A a.c.	16 A a.c.	20 A a.c.	21.7 A a.c.	26.1 A a.c.
EPS Output Power Factor	0.8 leading ~ 0.8 lagging				
Overload Capacity	110%30 s/ 120% 10 s/ 150% 0.02 s				
EPS Output Inrush Current	96 A a.c. @ 3us				
EPS Max. Output Fault Current	96 A a.c. @ 3 μs				
EFFICIENCY					
MPPT Efficiency	99 .90%				
Euro-efficiency	97.00%				
Max.Efficiency	97.80%				
PROTECTION & FEATURE					
Insulation Monitoring	Yes				
Residual Current Monitoring	Yes				
Parallel Function	Yes				
Protection Degree	IP65				
Certifications	CEI0-21, EN 50549 -1, VDE -AR-N 4105, UNE 217002, NTS TYPEA, G99, AS/NZS 4777.2				
Other Protection	Overload, Over temperature, Short circuit protection, Active anti-islanding				
GENERAL PARAMETER					
Storage Temperature	-25°C ~ +60°C				
Operating Temperature	-25°C ~ +60°C (Linely derating to 80% when exceed +45°C ~ +60°C)				
Humidity	0-100% (Non-condensing)				
Altitude	<2000 m				
Noise	<25 dB				
Dimensions (L*W*H)	480x180x480 mm				
Shipping Dimensions (L*W*H)	580x320x580 mm				
Machine Weight/ N.W.	20 kg				
DISPLAY& COMMUNICATION					
Display	LED				
Interface	CAN/RS485/Bluetooth/WiFi(Optional)				