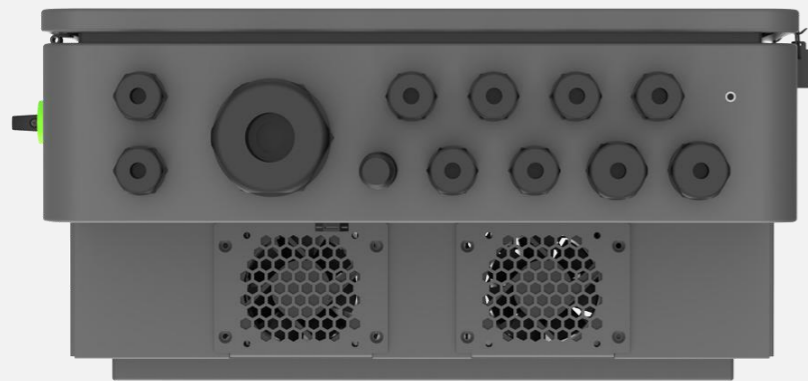


Split Phase Hybrid Inverter

SSE-HL6K/8K/12K-P1US



Model	SSE-HL6K-P1US	SSE-HL8K-P1US	SSE-HL12K-P1US
Product Type	Hybrid Inverter		
Battery			
Battery Type	lithium /Lead-acid		
Battery Voltage Range(Vd.c.)	45~58		
Max. Charging voltage(Vd.c.)	58		
Max. Charge/Discharge Current(Ad.c.)	100/110	150/160	200/210
Communication interface	CAN/RS485		
Input (PV)			
Rated power(kW)	9	12	18
Max. DC voltage(V)	550		
MPPT voltage range(V)	120~500		
Max. input current of single MPPT(A)	30		
MPPT tracker/strings	2/2+2		
AC output			
Rated output power(kVA)	6	8	12
Max. output current(A)	27.5	36.6	55
Grid voltage/range(V)	120/240		
Frequency (Hz)	60		
PF	0.8lagging-0.8leading		
THDi	<3%		
AC output topology	L1+L2+N+PE		
EPS output			
Rated power (kVA)	6	8	12
Rated output voltage(V)	120/240		
Rated output current(A)	27.5	36.6	55
Rated frequency (Hz)	60		
Automatic switching time (ms)	<10		
THDu	<2%		
Overload capacity	110%, 30S/120%, 10S/150%, 0.02S		
General Parameter			
Max. efficiency	98%		
MPPT efficiency	99.90%		
Ingress protection	IP65		
Noise emission (dB)	<35		
Operation temperature	- 25°C ~ 60°C		
Cooling	Natural		
Relative humidity	0 ~95% (non-condensing)		
Altitude	2000m(>2000 Derating)		
Isolation transformer	No		
Self-consumption(W)	<5		
Display and communication			
Display	LED		
Interface:RS485/WiFi/4G/Bluetooth/CAN/DRM	Yes/ Yes/ Opt/Opt/ Yes/ Yes		