

TECHNICAL SPECIFICATION	S5KLNA	S6KLNA	S8KLNA	S10KLNA
INPUT (PV)				
MAX. POWER(KW)	7.5	9	12	13
MAX. DC VOLTAGE (V)			500	
MPPT VOLTAGE RANGE(V)			120~500	
MAX.INPUT CURRENT OF SINGLE MPPT(A)			12	
MPPT TRACKER/STRINGS			4/1	
AC OUTPUT				
RATED OUTPUT POWER(KVA)	5	6	8	10
MAX. OUTPUT CURRENT(A)	24	28.8	38.3	47.8
AC OUTPUT VOLTAGE(V)	120/240(SPLIT PHASE), 208(2/3 PHASE),230 (SINGLE PHASE)			
FREQUENCY (HZ)	50/60			
PF	0.8LAGGING-0.8LEADING			
THDI	< 3%			
AC OUTPUT TOPOLOGY	SPLIT PHASE, 2/3 PHASE, SINGLE PHASE			
BATTERY				
BATTERY VOLTAGE RANGE(V)	40~58			
MAX. CHARGING VOLTAGE(V)	58			
MAX. CHARGE/DISCHARGE CURRENT(A)	120/120	135/135	190/190	210/210
BATTERY TYPE	LITHIUM /LEAD-ACID			
COMMUNICATION INTERFACE	CAN/RS485			
EPS OUTPUT				
RATED POWER(KVA)	5	6	8	10
RATED OUTPUT CURRENT(A)	24	28.8	38.3	47.8
RATED OUTPUT VOLTAGE(V)	120/240 (SPLIT PHASE), 208 (2/3 PHASE),230 (SINGLE PHASE)			
RATED FREQUENCY(HZ)	50/60			
AUTOMATIC SWITCHING TIME(MS)	< 20			
THDU	< 2%			
OVERLOAD CAPACITY	125%,60S/150%,1S			
GENERAL DATA				
MAX. EFFICIENCY	≥ 98.2%			
INGRESS PROTECTION	IP65/NEMA 3R			
NOISE EMISSION(DB)	<25	<29	<29	<29
OPERATION TEMPERATURE COOLING	-25℃ ~ 60℃ NATURAL			
RELATIVE HUMIDITY	0 ~95% (NON-CONDENSING)			
ALTITUDE	2,000M(>2,000 DERATING)			
DIMENSIONS W *D *H (MM)	430*220*710			
WEIGHT(KG)	41			
ISOLATION TRANSFORMER	NO			
SELF-CONSUMPTION(W)	<3			
DISPLAY AND COMMUNICATION				
DISPLAY	LCD, TOUCH SCREEN			
INTERFACE:RS485/WI fi	YES			
SAFETY STANDARD	UL 1741SA ALL OPTIONS, UL 1699B, CSA 22.2			
EMC	FCC PART 15, CLASS B			
ON-GRID	IEEE 1547, IEEE 2030.5, HAWAII RULE 14H, RULE 21 PHASE I,II,III,NRS			