



5K Smart Hybrid Inverter

Key Features:

- 5-year warranty
- Supports multi-parallel connection
- Intelligent EMS management
- Supports on/off-grid automatic switching function to ensure uninterrupted power when important loads are off-grid
- IP65 Rating
- Maximum efficiency $\geq 97.5\%$; Small size, saving installation space
- Natural cooling, low noise



Technical specification	R3KL1-G2	R3K6L1-G2	R4KL1-G2	R4K6L1-G2	R5KL1-G2	R6KL1-G2
Input (PV)						
Max. power(kW)	4.6	4.6	6	6	7	7
MPPT voltage range(V)	125~500/360					
MPPT tracker/strings	2/1					
AC output						
Rated output power(kVA)	3	3.6	4	4.6	5	6
Grid voltage/range(V)	230/176~270					
Frequency (Hz)	50 /60					
THDI	<3%					
Battery						
Battery voltage range(V)	40~58					
Max. charge/discharge current(A)	95/62.2	95/75	95/83.3	95/95.8	95/104.2	95/110
Communication interface	CAN/RS485 & Wifi, 4G (Optional)					
EPS output						
Rated power (kVA)	3	3.6	4	4.6	5	6
Rated output voltage(V)	230					
Automatic switching time (ms)	<20					
General data						
DC Max. efficiency	97.6%					
Full load efficiency	98.1%					
Dimensions W * D * H (mm)	451*212*474					
Weight (kg)	18					