

# 60kW

## HYBRID INVERTER

- **PV+Storage Solution**

Seamlessly combine PV and energy storage for efficient renewable energy utilization

- **Scalable and Expandable**

Easily expand power and capacity through parallel connection

- **Wide Voltage Range**

Flexible PV voltage range (180-900V) and battery voltage range (220-800V)

- **Smart and User-Friendly**

Quiet design; flexible communication modes



Item	KH3F60K
<b>PV input parameters</b>	
Max. input power (kW)	72
Max. input voltage (V)	1000
MPPT operating voltage range (V)	180~900/630
Max. input current (A)	36/36/36/36
MPPT amount/Max. parallel group series amount of each	4/2
<b>Battery Port</b>	
Operating voltage range (V)	220~800
Max. charge/discharge current (A)	100/100
Max. input/output power (kW)	60
Battery type	Li-ion
Communication interface	CAN/RS485
<b>On-grid parameters (AC)</b>	
Rated power (kW)	60
Max. apparent power (kVA)	60
Rated Voltage (V)	480V, 3L/N/PE
Rated frequency (Hz)	50/60
Max. current (A)	72
Power factor range	0.8~0.8
THDi	<3%
<b>Basic parameters</b>	
Operating temperature range (°C)	-25~+60 (>45 derating)
Working altitude (m)	≤4000 (>2000 derating)
IP level	IP65
Noise (dB)	<40
Display	LCD
Communication	RS485 (WiFi/GPRS optional)
Cooling method	Forced air cooling
Self consumption	<10W
Dimensions W/H /D (mm)	800×700×350
Weight (kg)	102