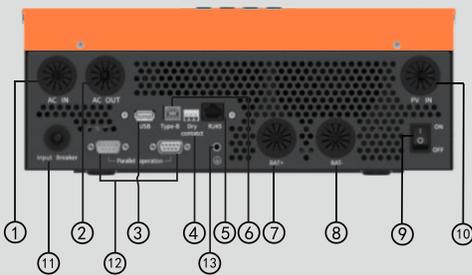




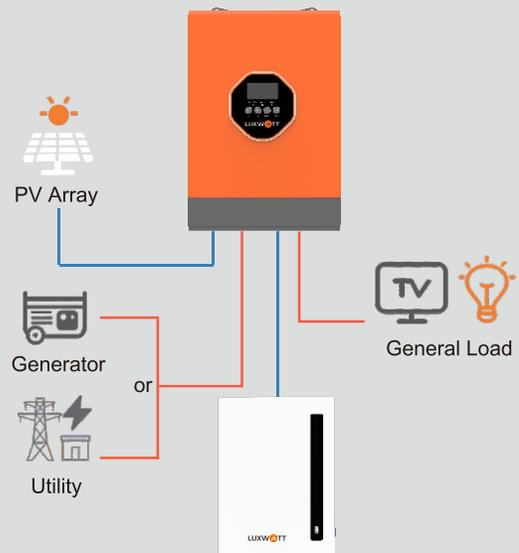
L-HOMLE-05K-1PTW



Port Description Product Application Diagram



- ①. AC IN ②. AC OUT ③. USB ④. Dry-contact
- ⑤. BMS ⑥. Type-B ⑦. BAT+ ⑧. BAT-
- ⑨. ON/OFF ⑩. PV IN ⑪. Input Breaker
- ⑫. Parallel operation ⑬. PE



TECHNICAL SPECIFICATION

Model	L-HOLLE-3K6-1PNN	L-HOMLE-05K-1PTW
AC INPUT		
Rated Voltage	208/220/230/240 V a.c., L+N+PE	
Rated Frequency	50 Hz / 60 Hz	
Current (Maximum Continuous)	20 A a.c.	40 A a.c.
INVERTER OUTPUT		
Rated Power	3.6 kW	5 kW
Rated Voltage	208/220/230/240 V a.c., L+N+PE	
Power Factor	1	
Wave Form	Pure Sine Wave	
Switch Time	<10 ms (Typical)	
Inverter Efficiency (Peak)	>92%	>94%
Current (Maximum Continuous)	15.6 A a.c.	22.7 A a.c.
Maximum Output Overcurrent Protection	102% ~ 110% 1min / 110% ~ 130% 10s / 130% ~ 150% 3s / 150% 0.2s	
BATTERY		
Battery Type	Lithium / Lead-acid	
Rated Battery Voltage	24 V d.c.	48 V d.c.
Battery Voltage Range	21 ~ 30.2 V d.c.	42 ~ 60 V d.c.
Max. Charge Current	100 A d.c.	80 A d.c.
PV INPUT		
No. of MPPT Tracker / Strings	1 / 1	
Max. PV Array Power	5 kW	6 kW
Max. DC Voltage	500 V d.c.	500 V d.c.
MPPT Voltage Range	40 ~ 450 V d.c.	120 ~ 430 V d.c.
Start-up Voltage	60 V d.c.	120 V d.c.
MPPT Maximum Charge Current	100 A d.c.	80 A d.c.
Max. Input Current	18 A d.c.	18 A d.c.
Isc PV (Absolute Maximum)	22 A d.c.	22 A d.c.
PROTECTION & FEATURE		
Parallel Function	No	Yes (up to 6pcs, optional)
Protection Degree	IP20, Indoor only	
Certifications	CE (IEC62109-1), EN61000 NRS	
Other Protection	Overload, Over temperature, Short circuit	
GENERAL PARAMETER		
Storage Temperature	-10°C ~ +60°C	
Operating Temperature	-10°C ~ +50°C	
Humidity	5% ~ 95% (Non-condensing)	
Operating Altitude	4000 m (>1000 m Derating)	
Noise	<50 dB	
Machine Dimensions (W*H*D)	335*470*125 mm	335*470*125 mm
Machine Weight / N.W.	8.1 kg	8.6 kg
DISPLAY AND COMMUNICATION		
Display	LCD Display (Display Running Mode, Loads / Input / Output etc.)	
Interface	RS485 / CAN / Dry Contact / WiFi (Optional)	