

Lithium battery  
Communication

# Three Phase Wall Mounted Off-grid Inverter

380V

3 phase output



Pure Sine Wave

MPPT

MPPT



Communication



## Technical Parameters

PRODUCT BASIC PARAMETERS			
Rated output power	8000W	10000W	12000W
Maximum peak power	16000W	20000W	24000W
Rated output voltage	400Vac(3L+N)		
Load motor capacity	5HP	6HP	6HP
Rated frequency	50/60Hz		
Output waveform	Pure sine wave		
Switching Time	10ms(Typical)		
Battery Type	Lithium-ion battery pack/Lead-acid battery/Customized		
Rated battery voltage	48VDC		
Voltage range	48VDC~60VDC ± 0.6VDC(Undervoltage alarm/shutdown voltage/overvoltage alarm/overvoltage recovery...)		
MAX. Solar charging current	180A	220A	260A
MAX. mains charging current	100A	120A	120A
MAX. hybrid charging current	180A	220A	260A
PV PARAMETERS			
Number of MPPT	2 Path		
MAX. input power	6000W+6000W	7500W+7500W	9000W+9000W
MAX. input current	22A+22A		
MAX. open circuit voltage	800VDC+800VDC		
MPPT operating voltage range	200~600VDC		
AC MAINS/GENERATOR PARAMETERS			
Input voltage range	Phase voltage170~280V Line voltage305~485V		
Input frequency range	50/60Hz		
Bypass overload current	63A		
INVERTER EFFICIENCY			
MPPT tracking efficiency	99.9%		
Battery inverter MAX. efficiency	≥92%		
COMMUNICATION METHOD			
Built-in interface	RS485 / CAN / USB / Dry contact		
External module (optional)	Wi-Fi / GPRS		
BASIC PARAMETERS			
Product size	620*445*130mm		
Product weight	27kg		
Protection level	IP20 Only supports indoor installation		
Ambient temperature	-10~55°C, >45°C Derate		
Noise	60dB		
Cooling method	Air cooling		

\*LSHE low voltage battery series is matched to LSHE off-grid inverter series.