

LiFePO4 BATTERY

WALL-MOUNTED PHOTOVOLTAIC ENERGY STORAGE ALL-IN-ONE MACHINE

YJC-HES-L-A-1.2kWA/1.28kWh

ALL-IN-ONE WALL-MOUNT

Quick setup, plug-and-play

SOLAR MAXIMIZER

Wide voltage + MPPT tracking, energy-efficient

SMART INTERFACE

Large LCD with intuitive controls

ADVANCED STORAGE

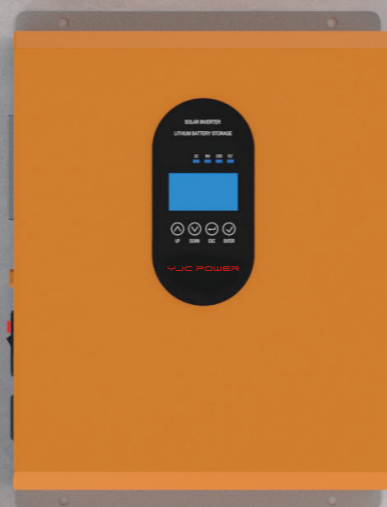
LFP battery + BMS for safety & longevity

COMPACT INVERTER

1.0 PF high-frequency, powerful & lightweight

TRIPLE HYBRID INPUT

Solar/Grid/Generator compatibility



Model	YJC-HES-L-A-1.2kVA/1.28kWh
AC PARAMETERS INPUT	
Rated voltage	230Vac(208/220/230/240Vac)
Voltage Range	90V ~ 280Vac,Settable
Access method	L+N+PE
Rated grid frequency	50/60Hz
Max current	10A
PV INPUT	
Max Input Power	1000W
Max Input Current	14A
MPPT Voltage	20-100VDC
Max Efficiency	99.50%
Number of MPPT routes	1
AC PARAMETERS OUTPUT	
Max Output power	1.2kVA
Rated voltage	230Vac(208/220/230/240Vac)
Access method	L+N+PE
Rated grid frequency	Battery Mode:50/60Hz,Line Mode:Synchronized range
THDi	≤3% (Linear Load)/≤5% (Non-linear Load PF=0.7)
Power factor	1
Efficiency	> 90.5%@1.2kVA(Battery Mode) / 99%@1.2kVA(Line Mode)
BATTERY INFORMATION	
Lithium battery specifications	LiFePO4
Rated voltage	12.8V
Voltage range	10 ~ 14.6V
Battery capacity	100Ah
Battery energy	1.28kWh
charging voltage	14.6V
Max charger current	100A
Charger mode	2~60A(line mode)+Max60A(PV mode),Settable
CONVENTIONAL PARAMETERS	
Dimensions	448×332×152mm
Weight	22kg
IP level	IP21
Operation Temperature Range	-10°C~50°C / 20%~95% (No condensing)
Storage temperature	-15°C~60°C
HMI	LCD
Transfer time	10ms(UPS mode) / 10ms(Appliance mode) / 10ms(Generator mode)
Communication mode	RS232 Baud 9600
Parallel Port	N/A
Activation	AC/PV Activation