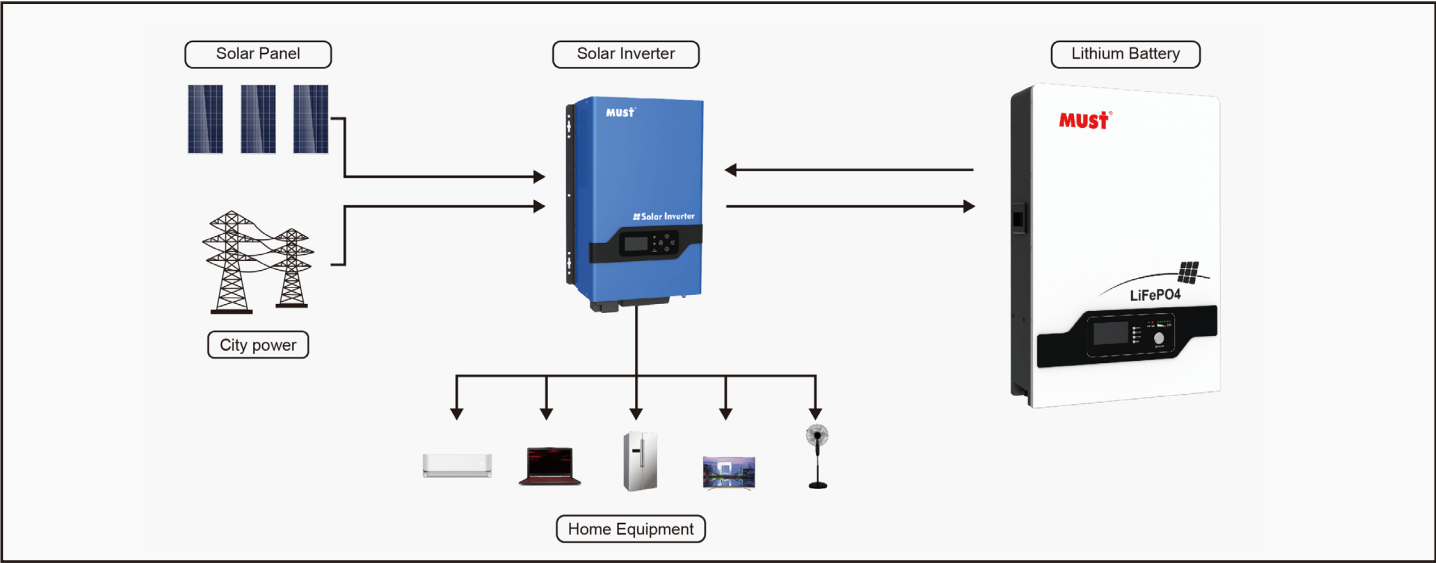




HBP3000 LV Series

The MUST HBP3000 LV Series is with a ground-breaking LiFePO4 battery pack 3.2kwh energy storage, pure sine wave solar inverter 1-2kw. Versatile energy storage system as your home strong back up, reliable access to power sources anytime. This class-leading power station brings you the power to run your daily consumes, family camping trip, cabin workshops, or even whole house for a day or two days power back up depending on your demands.

System Diagram



SOLAR ENERGY STORAGE SOLUTION

HBP3000 LV SERIES (AC:110VAC/120VAC)

MUST®

Specifications

MODEL		HBP30-1012 LV	HBP30-1512 LV	HBP30-2012 LV
Inverter	Rated power	1000W	1500W	2000W
	Output voltage waveform	Pure sine wave		
	Output voltage regulation	10V / 115V / 120VAC(±10% RMS)		
	Output frequency	50Hz or 60Hz (±0.2Hz)		
	Peak efficiency	88%		
	Nominal DC input voltage	12Vdc		
	Standby Consumption	< 2W		
PV Input	Max solar power input	1250W		
	PV max charging current	80A		
	Combined charging current	80A		
	Max efficiency	98% max		
	PV array open circuit voltage	100V		
	PV Array MPPT Voltage Range	16~100VDC		
AC Input	AC input voltage	110/120VAC		
	Acceptable input voltage range	95~135VAC		
	Nominal input frequency	50Hz / 60Hz (Auto detection)		
	Transfer time	10ms(max)		
AC Charge	Charging current @ Nominal input voltage	30A	45A	60A
	Charging Algorithm	4-step (Li)		
Output	AC output	Terminal		
Lithium Battery	Energy	3200wh		
	Nominal voltage	12.8V		
	Battery capacity	250Ah		
	Standard charging and discharge current	20A		
	Maximum continuous charging & discharge current	100A		
	Operation ambient temperature	-10~50°C		
	Storage ambient temperature	-20~55°C		

The technical specifications of this document are subject to change without any notice