



Model		EH10K-16
<b>Inverter</b>		
Rated Output Power	kW	10
Rated Output Voltage	V	230V
Max PV Input Power	kW	10
Max PV Input Voltage	VDC	500
MPPT Voltage Range	VDC	125-425
Max. DC Input Current	A	22x2
<b>Batteries</b>		
Battery Type		LiFePO4,16S1P
Battery Capacity Per Pack	AH	314
Battery Power	kWh	16.0768
Rated Voltage	V	51.2
BMS Protective Current	A	205
Charging Cut-off Voltage	V	57.6
Charging Mode		Constant Current/Constant Voltage
Discharge Cut-off Voltage	V	42.4
Maximum Charging Current	A	200
Maximum Discharge Current	A	200
Charging Temperature	°C	0 ~ 60
Discharge Temperature	°C	-30 ~ 60
Storage Temperature	°C	≤1 year, 0~35
		≤1 month, -20~45
Ambient Humidity		0-95% relative humidity (non-condensing)
Cycle Life		8000,70%DOD@25 C



## Product Advantage

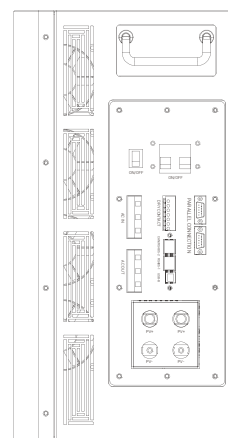



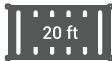

### Efficient Energy Storage and Output

- **High Power Output:** The 10kW power output is capable of meeting the electricity demands of most household appliances, including air conditioners, refrigerators, washing machines, and televisions, all running simultaneously. This ensures the stability of household electricity supply.
  - **Large Capacity:** With a capacity of 16.0768kWh, the system can store sufficient energy to support household electricity needs for an extended period without grid power, such as during the night or in the event of a power outage.
1. Higher capacity & better economy.
  2. Plug-and-play photovoltaic modules.
  3. Smart timed charging & discharging: charge at low rates, discharge at high rates.
  4. Multi-mode charge & discharge management.
  5. EVE battery cells: global top-tier quality.

SOCKETS OPTIONS		EH10K-16
IN	AC IN	1
	PV	2
OUT	AC OUT	1
	PV	2

Every socket include circuit breaker. Power Output protected by Earth Leakage Relay.



DIMENSIONS AND WEIGHT		MG10K-16
Dimensions (L x W x H)	mm	461*253*1059
Weight	kg	186
Container Loading Size		
		48 units
		96 units

