

HPESS 120/60



ZERO WORSE EMISSIONS FUEL CONSUMPTION



PLUG&PLAY



PEAK SHAVING



LOW LOAD



LOAD SHARING



UPS



RENEWABLES INTEGRATION

GENERAL TECHNICAL DATA		HPESS 120/60
Nominal energy storage capacity	kWh	120
Battery system voltage	VDC	576
Type		LFP (LiFePO ₄)
DoD % (depth of discharge)		80%
Lifetime (80% DoD)	Cycles	6000
Operating temperature	°C	-25 to 60
Battery managementsystem		Built-inBMS
Protection		Include but not limited to Overload, Overheat, Short Circuit
Charge and discharge simultaneously		Yes

INPUT DATA		
DC input nominal power	kW	60
Max DC input Current	A	100
Max AC Input Power	kW	40
AC Input Voltage Range	V	260Vac~530Vac

OUTPUT DATA		
DC output nominal power	kW	60
Max DC output Current	A	100
AC Nominal Rated Output Power	kW	60
AC Output Voltage (50Hz)	Vac	230/400

DIMENSIONS AND WEIGHT		
Dimensions (L xW xH)	mm	1800*1450*1400
Weight	kg	1800



4 units



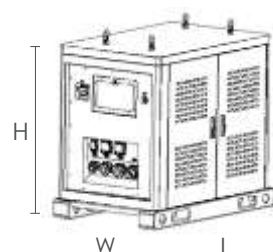
8 units



8 units



ADR Designation -
UN3481
Clas.9A



SCOPE OF SUPPLY

CANOPY

- Powder coating with primer coating according to the outdoor using requirements

ACCESSIBILITY

- Wide doors to check servicing and commissioning in customer interface.
- Cables entry

SECURITY

- Internal locker for batteries.
- Antitheft hinges and door lockers.
- Earth pin (grounding rod not included)

TRANSPORTABILITY

- Forklift pockets
- Lifting hook

OPTIONALS

- Custom colors
- Custom sockets distribution (input and output)
- Galvanized baseframe
- Trailer

CONTROL PANEL

Model	Control module with TFT 10" display
Remote generator start	Dry contact relay
Remote communication	3G/4G
Communication	Web / APP



SOCKET OPTIONS

AC IN	CEE 400V 5P 63A	•
DC IN	CCS2	•
AC OUT	CEE 400V 5P 125A	-
	CEE 400V 5P 63A	•
	CEE 400V 5P 32A	•
	CEE 400V 5P 16A	•
	Schuko (EU)	•
DC OUT	CCS2 (5m Cable)	•



Note: Every socket include circuit breaker.

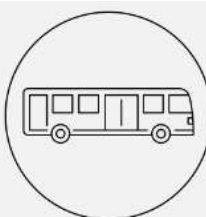
Power Output protected by Earth Leakage Relay.

Output ports can be configured according to standards in different markets

Mobile EV Charger for every Application



HEAVY AND MEDIUM DUTY TRUCK



TRANSIT AND SCHOOL BUS



MINING

ZERO NOISE
EMISSIONS
FUEL CONSUMPTION