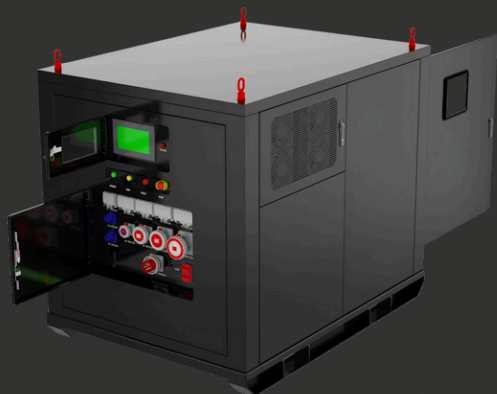


CTESS 160/90



Zero Emissions



PLUG&PLAY



PEAK
SHAVING



LOW LOAD



LOAD
SHARING



UPS



RENEWABLES
INTEGRATION

GENERAL TECHNICAL DATA		CTESS 160/90
Nominal energy storage capacity	kWh	160
Battery system voltage	VDC	576
Type		LFP (LiFePO4)
DoD % (depth of discharge)		80%
Lifetime (80% DoD)	Cycles	6000
Operating temperature	°C	-25 to 60
Battery management system		Built-in BMS
Protection		Include but not limited to Overload, Overheat, Short Circuit
Charge and discharge simultaneously		Yes

INPUT DATA		
DC input nominal power	kW	90
Max DC input Current	A	150
Max AC Input Power	kW	40
AC Input Voltage Range	V	260Vac~530Vac

OUTPUT DATA		
DC output nominal power	kW	90
Max DC output Current	A	150
AC Nominal Rated Output Power	kW	90
AC Output Voltage (50Hz)	Vac	230/400

DIMENSIONS AND WEIGHT		
Dimensions (L x W x H)	mm	2010*1450*15
Weight	kg	2200

20 ft
4 units

40 ft
8 units

13m
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 and lifting eyes for easy handling and placement.

OPTIONALS

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

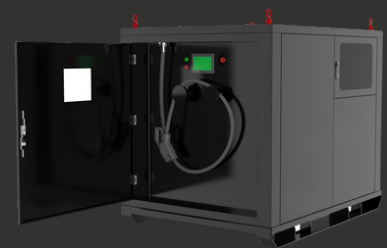
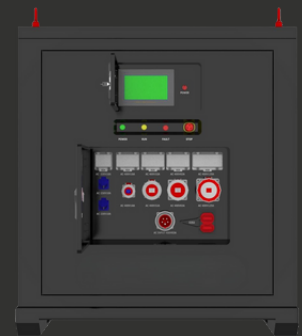
CONTROL PANEL

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



SOCKET OPTIES

AC IN	CEE 400V5P63A	•
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 (10m Cable)	•



Mobile EV Charger for every Application

