

CTESS 60/40



PLUG&PLAY



PEAK
SHAVING



LOW LOAD



LOAD
SHARING



UPS



RENEWABLES
INTEGRATION

GENERAL TECHNICAL DATA		CTESS 60/40
Nominal energy storage capacity	kWh	60
Battery system voltage	VDC	576
Type		LFP (LiFePO ₄)
Operating temperature	°C	-25 to 60
DoD % (depth of discharge)		80%
Lifetime (80% DoD)	Cycles	6000
Battery management system		Built-in BMS
Protection		Include but not limited to Overload, Overheat, Short Circuit
Charge and discharge simultaneously		Yes

INPUT DATA		
Max input power	kW	20
Input Voltage Range	V	260Vac~530Vac

OUTPUT DATA		
Total nominal power	kW	30
Output voltage (50Hz)	VAC	230/400

DIMENSIONS AND WEIGHT		
Dimensions (L x W x H)	mm	1450 x 1000 x 1478
Weight	kg	1100



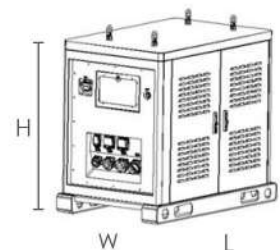
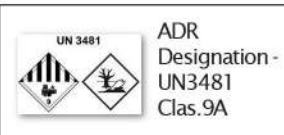
8 units



16 units



16 units



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 400V5P 32A	•
AC OUT	CEE 400V 5P 125A	-
	CEE 400V 5P 63A	•
	CEE 400V 5P 32A	•
	CEE 400V 5P 16A	•
	Schuko (EU)	•



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