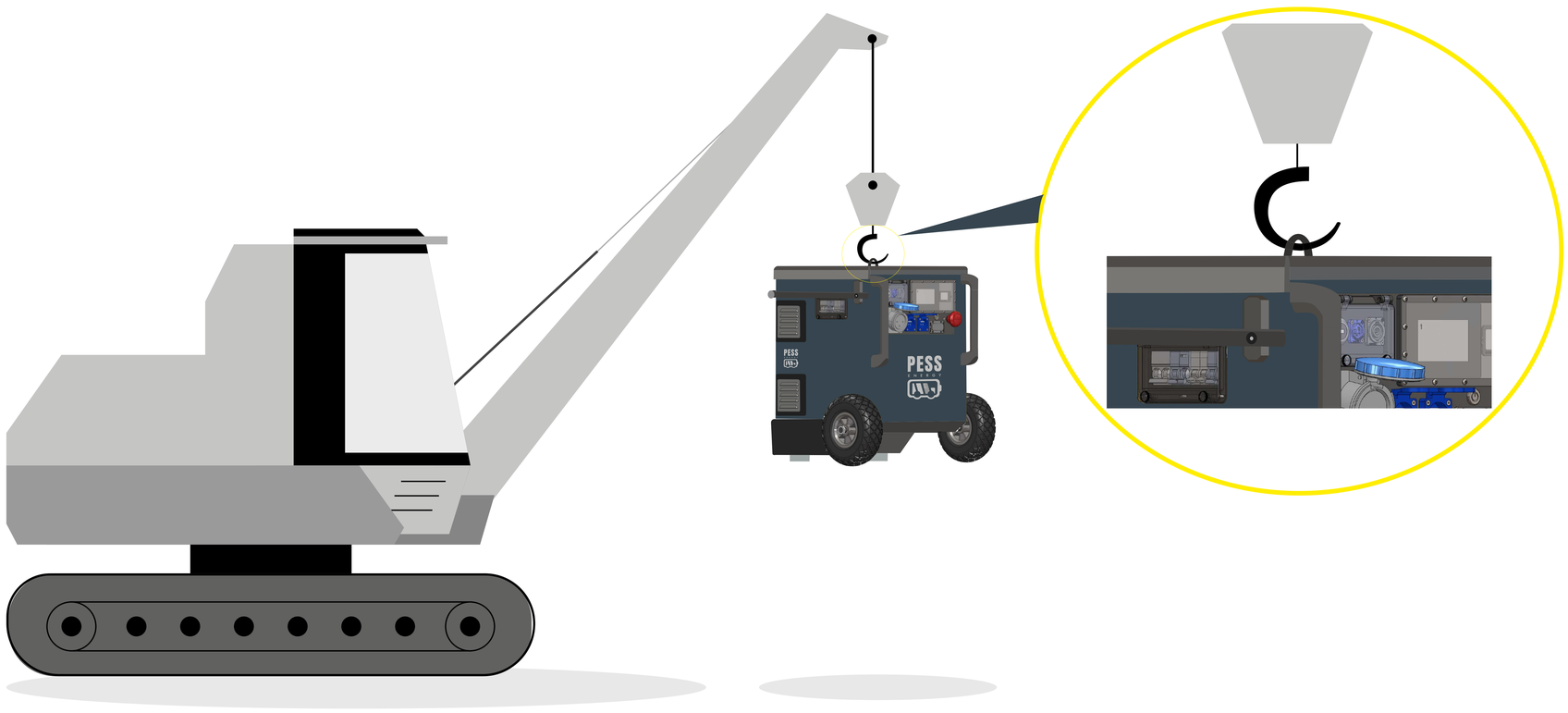
LIFTING WITH THE LIFTING RING

Weight 120 kg



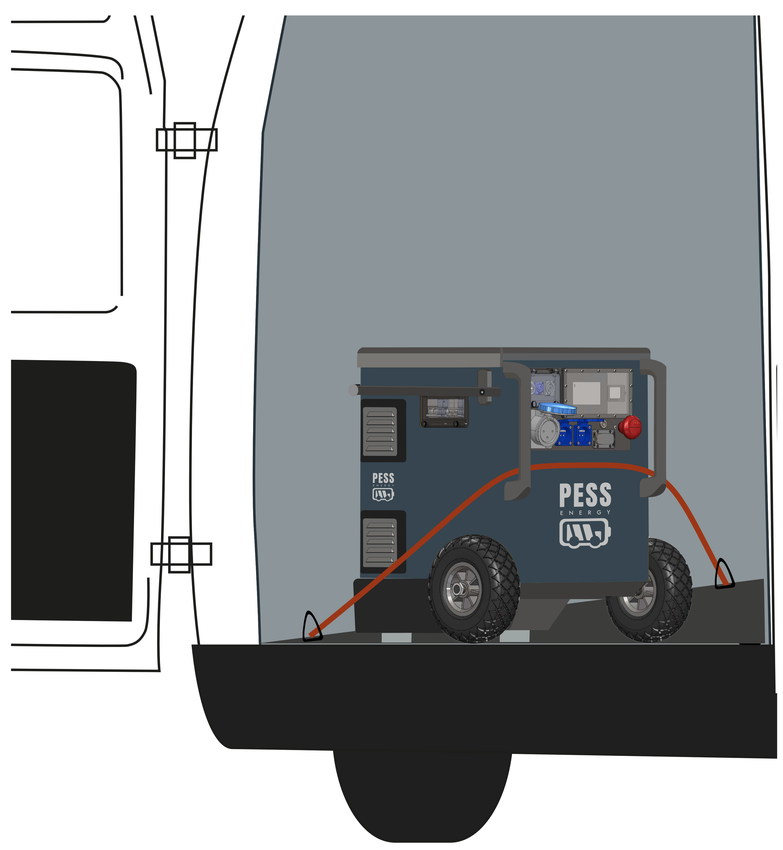
LOADING INTO A VAN

Heavy load 120 kg

Optional : electric winch for autonomous product setup

LASHING IN A VAN

Use the handles to secure the Iron-E



ON THE MOVE

DRY CONTACT

Automatic generator set start and stop via dry contact

gas-powered generator : 4 kVA min

Dry contact cable available as accessory

Different ways to recharge your Iron-E

RECHARGE ON 16A MAINS

Charging time: <4h = 100%
Charging power: 3000W

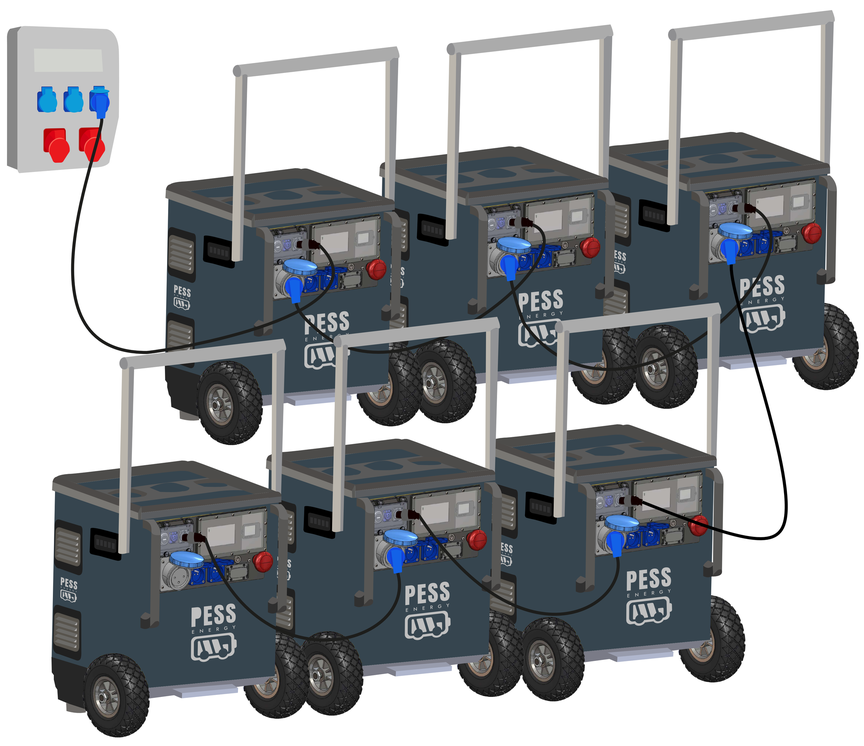
RECHARGE ON 32A MAINS

Charging time : 10h = 100%
Charging power : 1000W

32 A cable available as accessory

RECHARGE ON DAISY CHAIN 32A

Input : 32A
Output : P17 32A
Max 6 devices = 6000W with 1000W/device



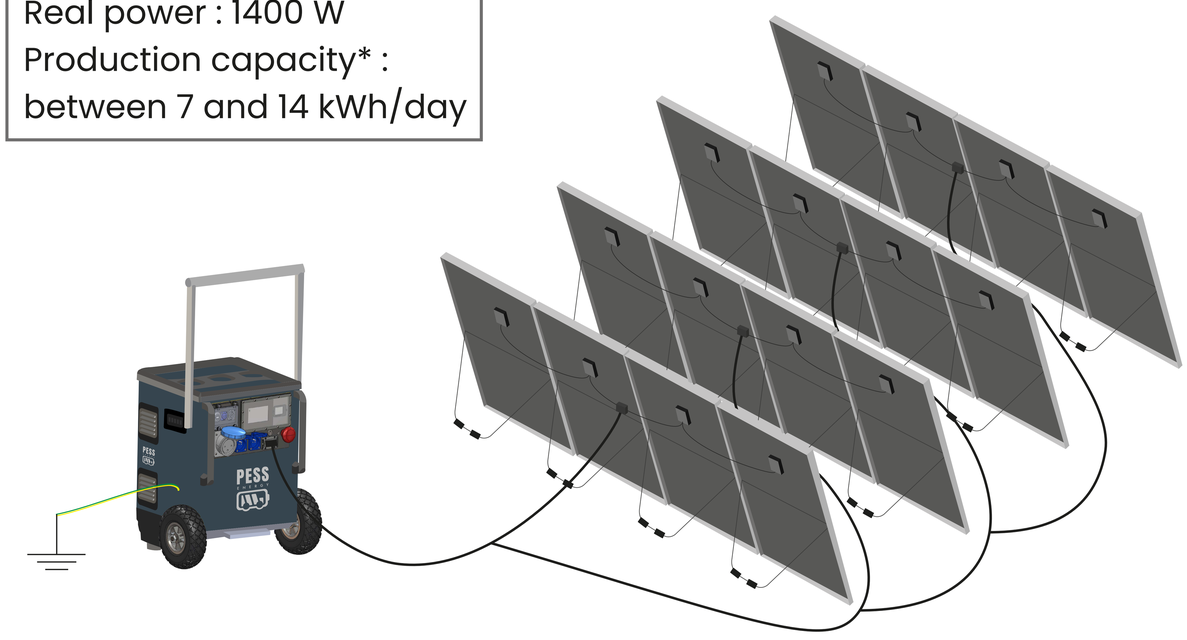
- **Do not connect anything to the output of the devices (when charged by 6)**
- **Devices must be switched on**
- **It is not necessary to disconnect the paralleling cables**
- **Lower the circuit breakers on the paralleling box**
- **Do not disconnect under charge : use solar circuit breaker**

RECHARGE ON SOLAR PANELS

Produce your own energy anywhere

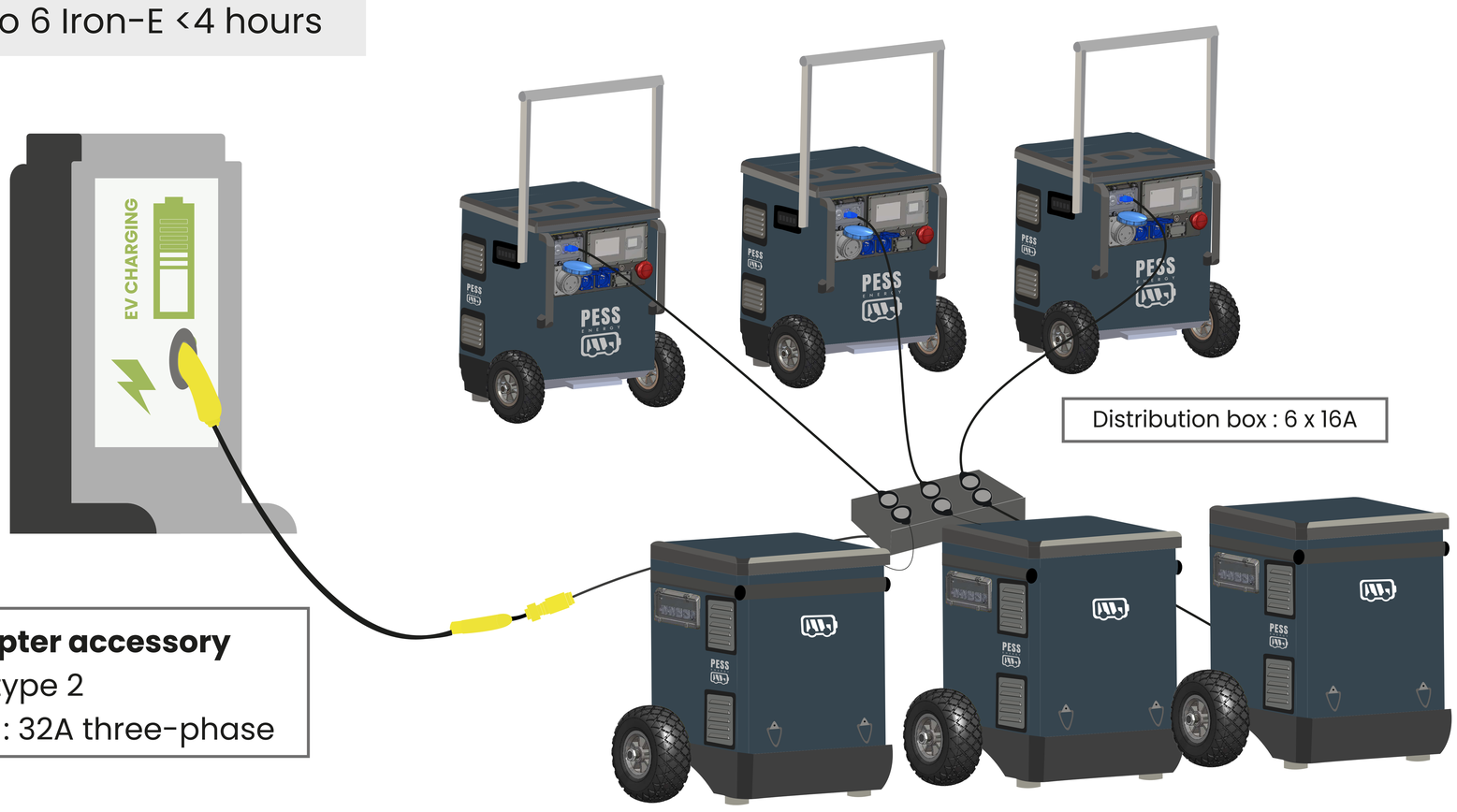
Maximum PV input power: up to 5500W
Theoretical cumulative capacity : 18 800Wh/day*
(10 000Wh for Iron-E and 8800Wh/day produced by Ekla)

Ekla accessory
Max power : 1700 Wc
Real power : 1400 W
Production capacity* :
between 7 and 14 kWh/day



RECHARGE ON ELECTRIC VEHICLE CHARGING

Recharging time : Up to 6 Iron-E <4 hours



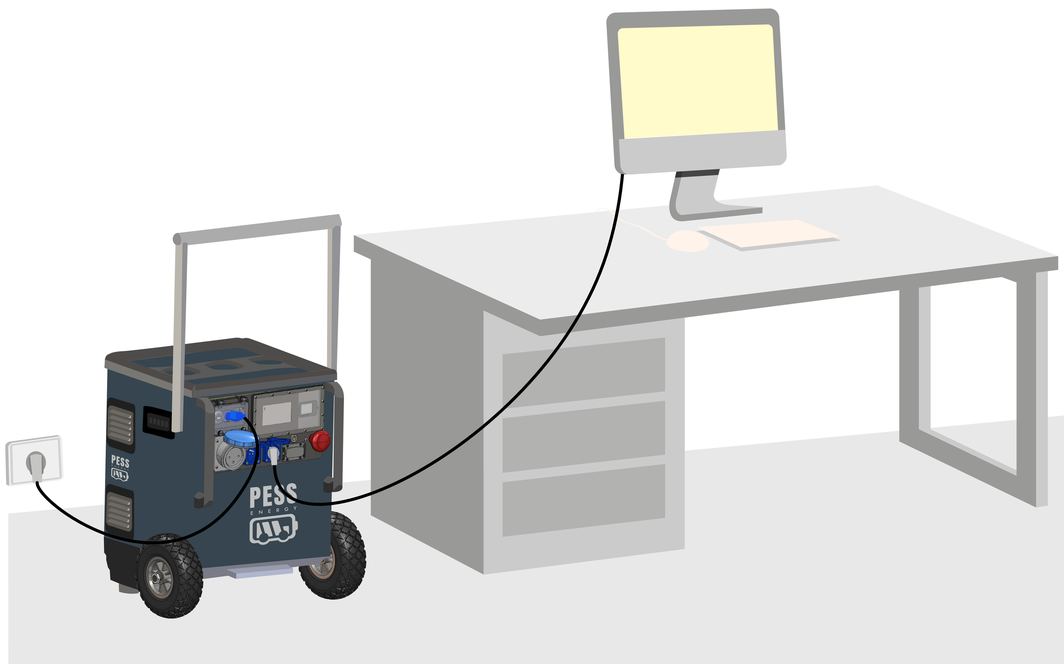
EV adapter accessory
Input : type 2
Output : 32A three-phase

BACK UP 16A

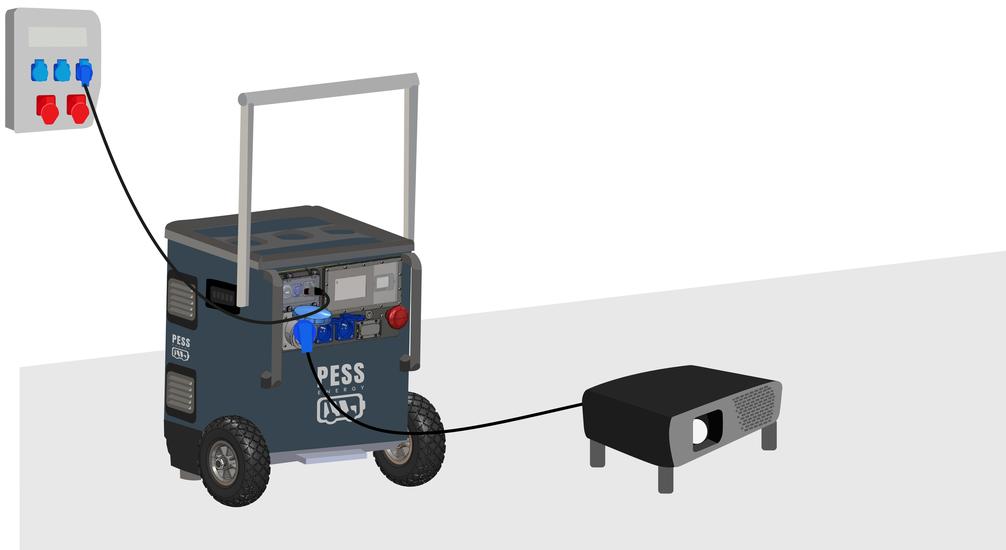
BACK UP 32A

Securing your equipment

Max output 500 W if battery not charged
Max output 3600 W when battery is charged



Max output 6000 W if battery not charged
Max output 7400 W when battery is charged

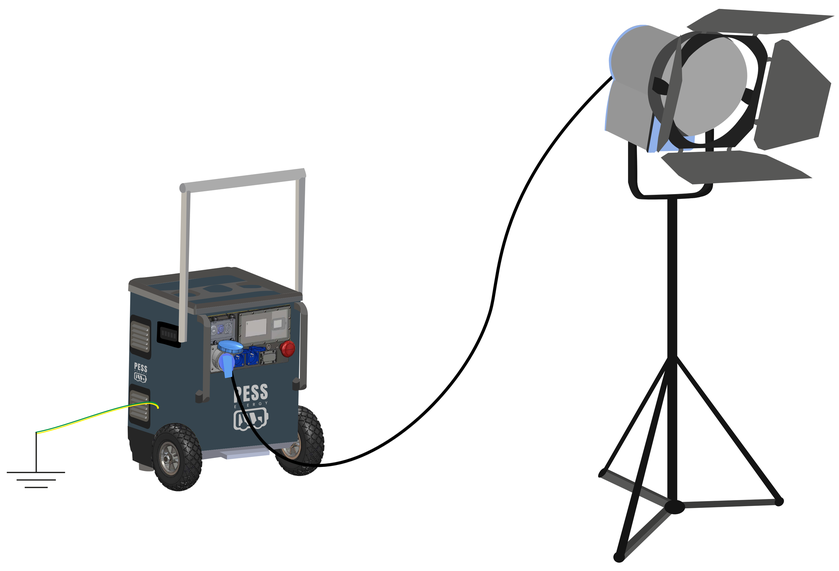


16A POWER SUPPLY

Output: 3600 W max

32A POWER SUPPLY

Output: 7400 W max



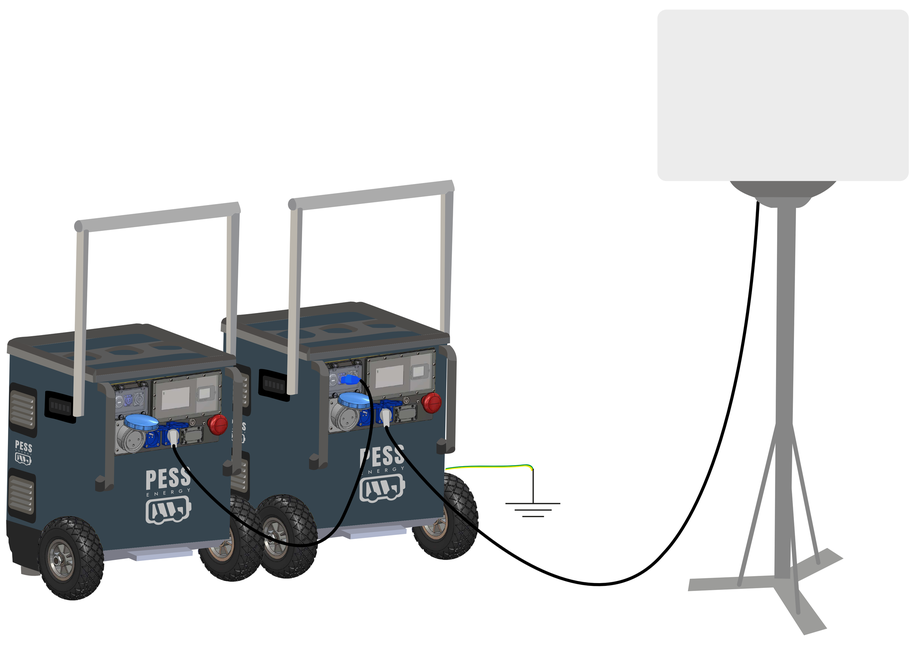
Example: charging an Arri Tungstene Fresnel projector 5000W

DAISY CHAIN 16A

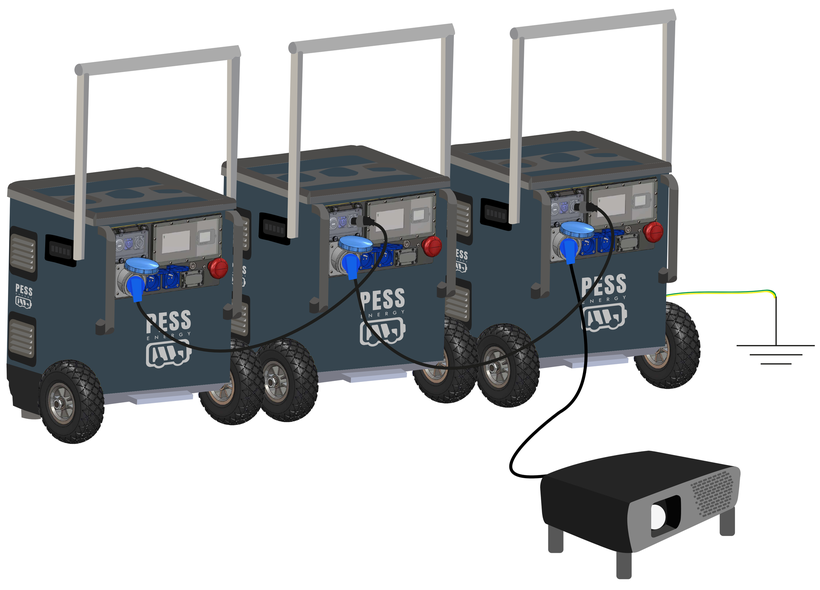
DAISY CHAIN 32A

Add up the capacity (duration) of your Iron-E devices (2 to 8 devices = 20 to 80 kWh)

Example: 640 W lighting mast over 2 Iron-E = 31 h



Example: 4000 W cinema projector on 3 Iron-E = 8h



Add up the power and capacity (duration) of your Iron-E

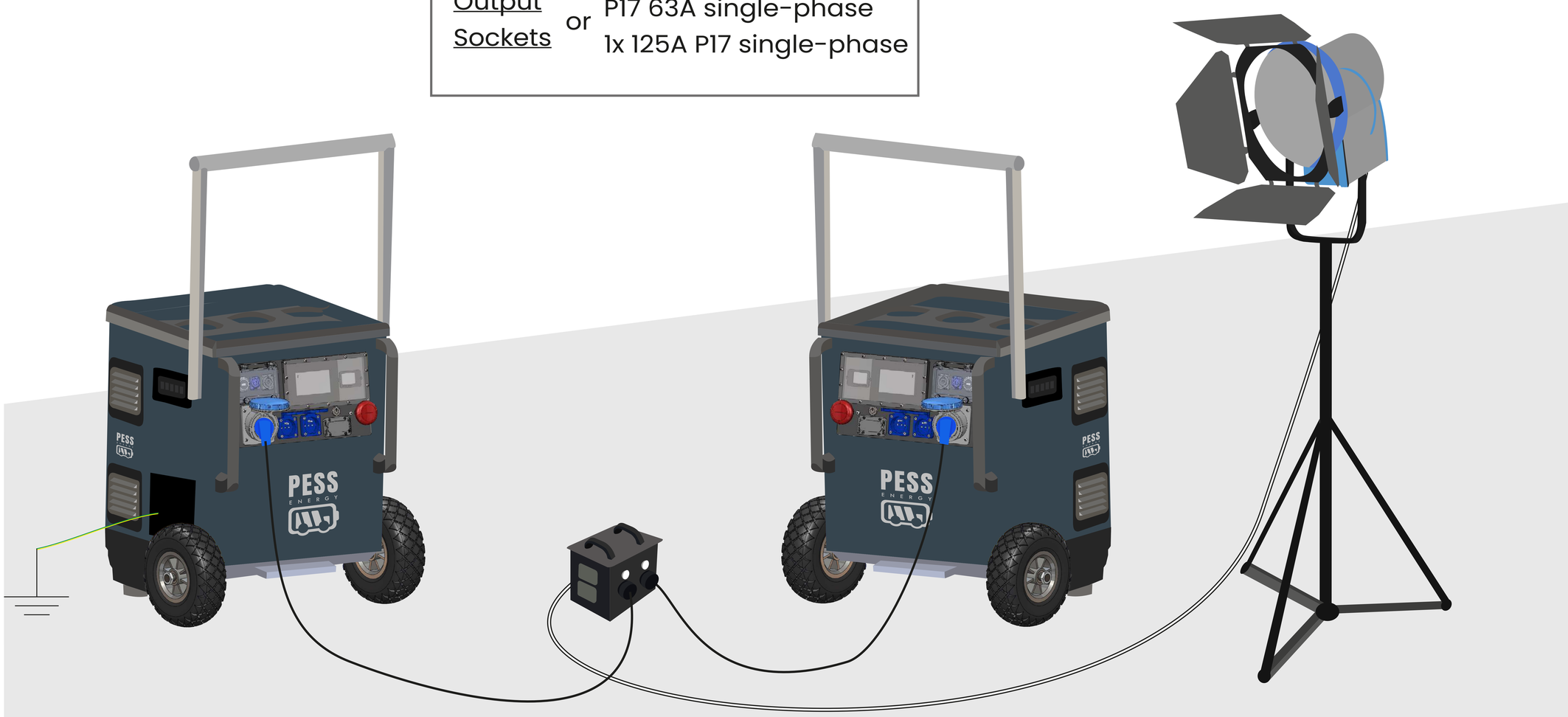
CONNECTION OF 2 IRON-E SINGLE-PHASE

Max output : 20 kW single-phase
Total capacity : 20 kWh

Example
Arri HMI M90 - Real power consumption 11,200 W
Autonomy : 1h30

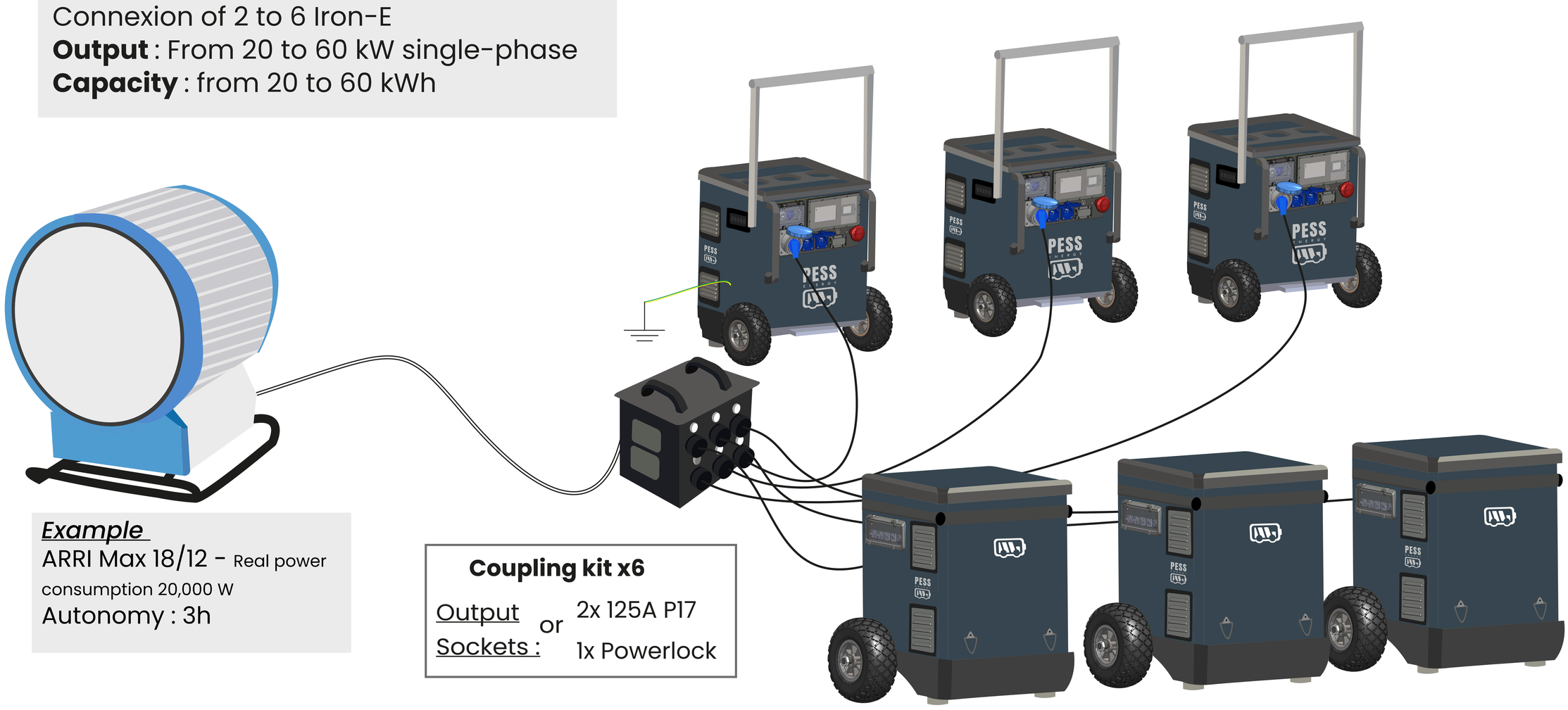
Coupling kit x2

Output Sockets or P17 63A single-phase
1x 125A P17 single-phase



CONNEXION OF 6 IRON-E IN SINGLE-PHASE

Connexion of 2 to 6 Iron-E
Output : From 20 to 60 kW single-phase
Capacity : from 20 to 60 kWh



Example
ARRI Max 18/12 - Real power consumption 20,000 W
Autonomy : 3h

Coupling kit x6

Output Sockets : or 2x 125A P17
1x Powerlock