

100 % power.
0 % emissions.



ENDRESS
ENERGY STORAGE SYSTEMS

FUTURE.

Table of contents

ESS D 11/8	S. 4
ESS D 15/15, 15/30, 30/30	S. 6
Technical data	S. 10
Notes	S. 12

Explore the ENDRESS ZERO EMISSION Line!
Innovative energy storage solutions for professional use meet
a compact design and maximum flexibility.

Thanks to 100% power and 0% emissions, ENDRESS
energy storage systems are ready for use anywhere
and at any time. Bring the power to where it is needed -
completely independent of the grid!

Why ENDRESS energy storage systems?



ZERO EMISSIONS



Lithium-ion-battery-technology



For a safe and reliable use



Customized solutions for all applications

INNOVATION.

Mobile three-phase & alternating current

ESS D 11/8



400 V

13 kW

8 kWh

Three-phase
and alternating
current

Fast Charging

944 × 357 × 596 mm

Whether a drill, electric welder or submersible pump - the mobile ENDRESS ESS D 11/8 energy storage system supplies both three-phase and alternating current with a peak output of up to 13 kW and a usable capacity of 8 kWh.

The ESS D 11/8 comes with IP65 protection, making it ideal for outdoor use.

Thanks to a 400 V socket and three 230 V sockets, a wide variety of consumers can be operated simultaneously. Simply pull out the handle and bring the power to where it is needed.



ESS D 11/8

13,8 kVA / 11 kW /
8 kWh - 400/230 V

Order No. 610 058





POWERFUL & PROFESSIONAL

ESS D 15/15 | ESS D 15/30 | ESS D 30/30

The three-phase ENDRESS energy storage systems offer a powerful and flexible solution for professional use. Thanks to their lithium-ion batteries with high charge/discharge cycles and a capacity of 15 kWh or 30 kWh, they are particularly suitable for tunnel and night construction sites, events, the power supply of residential containers, tools and electrical appliances.



ESS D 15/15

15 kVA / 15 kWh

400/230 V

Order No. 610 023

ESS D 15/30

15 kVA / 30 kWh

400/230 V

Order No. 610 024

ESS D 30/30

30 kVA / 30 kWh

400/230 V

Order No. 610 022

IDEAL FOR COMBINED OPERATION WITH A ENDRESS RENTAL LINE RS!



The ENDRESS RENTAL Line RS units are ideal for combined operation with the three-phase ENDRESS energy storage systems.



In addition to intelligent load management, connecting an ENDRESS energy storage system significantly reduces the operating hours of the power generator. This means lower operating costs and fewer maintenance intervals.



In addition, the required RENTAL Line is downsized by approx. 30 %. The energy storage capacity is either 15 kWh or 30 kWh. In combination with the 60 kVA RENTAL Line, an output power of 90 kVA can be taken from the energy storage system (30 kVA).



At a certain load reduction or discharge depth of the batteries, the ENDRESS energy storage system automatically sends a signal to the connected RENTAL Line so that the power generator is switched on or off.

	ESS D 11/8	ESSD 15/15	ESSD 15/30	ESSD 30/30
Order No.	610 058	610 023	610 024	610 022
Continuous output	13,8 kVA / 11 kW	15kVA		30kVA
Peak output	16,3 kVA / 13 kW	37,5kVA		75kVA
Nominal voltage	230/400V	230/400V		
Battery type	Lithium Ion NMC	Lithium Ion LFP		
Battery nominal capacity	8 kWh	15kWh	30kWh	
Charging time	2 h (400V) / 5 h (230V))	1,4h	2,4h	1,8h
Dimensions (L×B×H)	944×357×596 mm	1.200×800×1.750 mm		
Weight	80 kg	700 kg	850 kg	950 kg
Protection class	IP65	IP54		
Charging temperature	0 / +40 °C	0 / +50 °C		
Discharging temperature	-10 / +45 °C	-10 / +50 °C		
Charging ports	1×CEE 400V / 16 A 1×230V / 16 A	1×CEE 400V / 125 A		
Output ports	1×CEE 400V / 16 A 3×230V / 16 A	2×230V / 16 A 1×CEE 400V / 32 A 1×CEE 400V / 63 A 1×CEE 400V / 125 A		
Parallel operation	●	●	●	●
Crane loading lug	●	●	●	●
Remote start input	●	● 2 conductors	● 2 conductors	● 2 conductors
Safety features	All-pole disconnection Over / under temperature cut-off Overvoltage / undervoltage cut-off Reduntant overcurrent cut-off Overcurrent protection per battery cell Insulation monitoring	Protection against short circuit Protection against overload Protection against high temperature Battery overcharge protection Battery deep discharge protection Overvoltage control Undervoltage control Protective measure: RCD (residual current device)		
Monitoring	State of charge (SoC) Operating mode Output power Charging power Operating time Charging time	AC voltage AC current per phase Battery capacity Discharge current Charging current		



**More information about the
ENDRESS energy storage systems:**



www.endress-zero.com



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