

Product **FOCUS**

Efficiency in Automation

Cable • Connectivity • Cabinet • Control

Compact Power supply



Durable Flexible Compact



Compact Economy

Compact 'E' for Economy is an economical series for all standard applications where the primary focus is on the price to performance ratio. These 1-phase power supplies have a high level of reliability along with a PowerBoost feature. The compact design makes it an easy choice.

Compact Ultra

Compact Ultra power supplies combine a high level of reliability with low power loss along with minimum space requirement. Standard features include an active PFC and PowerBoost of up to 150 %. There is no need for derating as these devices deliver full power up to a operating temperature of 60° C. Compact Ultra – the smallest design by LÜTZE.

Compact Universal

Compact Universal series is further developed from the original Ultra power supplies. 1-, 2- or 3-phase connection provide comprehensive solutions for a range of circuit voltages. Therefore, increased flexibility and reduced number of required power supplies result in significant cost savings and improved performance.

Compact 3-phase

Compact 3-phase power supply series with an output range between 480 W to 2400 W deliver enormous power and offer features like small dimensions, large power reserves and intelligent information. In addition to DC 24 V and 48 V units, 72 V is also available.

Compact Economy

An economical entry into the successful LÜTZE Compact series: the single-phase economy units can be used for all standard applications.

Highlights:

- High reliability
- Extremely compact design
- High efficiency of up to 91%
- PowerBoost feature
- Fault output status indication
- Pluggable terminal blocks
- Optimal price to performance ratio
- Active PFC
- Operating temperature range up to 60° C without derating
- Approval cULus

Advantages:

- Space saving in the control cabinet thanks to smaller dimensions
- Cost savings in purchasing, warehousing and maintenance
- PowerBoost feature
- Status signals thanks to LED / relay contact



120 W



240 W



480 W

NEW

Performance	Item number	Description	Output	Housing width x height
120 W	723500	CPSB1-120-24E	DC 24 V / 5 A	40 mm x 115 mm
	722784	CPSB1-120-48E	DC 48 V / 2,5 A	39 mm x 115 mm
240 W	723600	CPSB1-240-24E	DC 24 V / 10 A	63 mm x 140 mm
	722786	CPSB1-240-48R	DC 48 V / 5 A	63,5 mm x 140 mm
480 W	723701	CPSB1-480-24E	DC 24 V / 20 A	73 mm x 140 mm

Compact Ultra

The perfect addition to the LÜTZE Compact Economy family: the smallest dimensions and the best price to performance ratio by LÜTZE. Ultra is the name of the game!

Highlights:

- High reliability
- Ultra compact design
- High efficiency of up to 94%
- PowerBoost up to 150%
- Fault output status indication
- 2 operating modes: constant current or hiccup mode
- Active PFC
- Pluggable terminal blocks
- Operating temperature range up to 60° C without derating
- Approval cULus

Advantages:

- Energy cost savings due to minimal power loss
- Increased flexibility with two different operating modes
- Full power up to 60° C without derating
- Remote fault output status indication



120 W

NEW

240 W

NEW

480 W

Performance	Item number	Description	Output	Housing width x height
120 W	723501	CPS2B1-120-24	DC 24 V / 5 A	35 mm x 103 mm
	723521	CPS2B1-120-48	DC 48 V / 2,5 A	35 mm x 103 mm
240 W	723601	CPS2B1-240-24	DC 24 V / 10 A	40 mm x 115 mm
	723621	CPS2B1-240-48	DC 48 V / 5 A	40 mm x 115 mm
480 W	723700	CPS2B1-480-24	DC 24 V / 20 A	56 mm x 140 mm
	723721	CPS2B1-480-48	DC 48 V / 10 A	56 mm x 140 mm

Compact Universal

The universal solution: highly reliable and extremely flexible. The new addition to the LÜTZE Compact Ultra series.

Highlights:

- Worldwide applications
- Extremely compact design
- High efficiency level of up to 93 %
- PowerBoost up to 150%
- Fault output status indication
- 1, 2 and 3-phase operation
- Output: 120 W, 240 W and 480 W
- Pluggable terminal blocks
- Operating temperature range up to 60° C without derating
- Approval cULus

Advantages:

- Suitable for worldwide usage thanks to 1, 2 and 3-phase connection options
- Cost savings in purchasing, warehousing and service
- Very durable metal housing
- Simplified status output relay



120 W



240 W



480 W

Performance	Item number	Description	Output	Housing width x height
120 W	722995	CPSB2-120-24	DC 24 V / 5 A	40 mm x 130 mm
240 W	722996	CPSB1-240-24	DC 24 V / 10 A	54 mm x 130 mm
480 W	722801	CPSB123-480-24	DC 24 V / 20 A	73 mm x 125 mm

Compact 3-Phase

The optimal combination of power and intelligence: outputs of up to 2.4 kW are delivered in compact dimensions. The LÜTZE Compact 3-phase family allows integration into highly complex applications.

Highlights:

- High reliability
- Extremely compact design
- High efficiency level of up to 93 %
- PowerBoost up to 150%
- Fault output status indication
- 3-phase operation
- Performance range 480 W to 2400 W
- 2 operating modes: constant current or hiccup mode
- 2400 W version configurable as battery charger
- Approval cULus

Advantages:

- Available in DC 24 V, 48 V and 72 V
- Configurable on unit or via downloadable software
- Significant space savings despite a high output
- Redundant or parallel feature available



480 W



720 W



960 W



2400 W

Performance	Item number	Description	Output	Housing width x height
480 W	722800	CPSB3-500-24	DC 24 V / 20 A	81 mm x 127 mm
	722815	CPSB3-500-48	DC 48 V / 10 A	81 mm x 127 mm
720 W	722802	CPSB3-720-24	DC 24 V / 30 A	81 mm x 127 mm
	722807	CPSB3-720-48	DC 48 V / 15 A	81 mm x 127 mm
960 W	722811	CPSB3-960-24	DC 24 V / 40 A	81 mm x 127 mm
	722812	CPSB3-960-48	DC 48 V / 20 A	81 mm x 127 mm
	722813	CPSB3-960-72	DC 72 V / 13,3 A	81 mm x 127 mm
2400 W	722814	CPSB3-2400-24	DC 24 V / 100 A	233 mm x 158 mm
	722816	CPSB3-2400-48	DC 48 V / 50 A	233 mm x 158 mm
	722817	CPSB3-2400-72	DC 72 V / 33 A	233 mm x 158 mm

Current monitoring by Lütze: **LOCC-Box and LCOS-CC/CCI**

Highlights of the LOCC-Box

- 1- and 2-channel versions in 8.1 mm housing
- Hot swapping possible if service is required
- Up to 50 optional settings in one module
- Integration into field bus systems
- Jumpers instead of wiring
- Compact system design, available in different versions
- Additional accessories such as power distribution terminal
- 5 patented characteristic curves
- Suitable for 12 V, 24 V or 48 V applications
- Suitable for your energy management
- UL and DNV-GL approvals
- Cost savings



Highlights of the LCOS-CC/CCI

- Electronic load monitoring in the **LÜTZE Communication System**
- Adjustable current range (1 - 16 A) and characteristics (fast-acting - super slow)
- Electrical and visual status outputs
- Single channel design with two pole disconnection with galvanic insulation
- Two channel output design with single disconnection
- Direct connection of the load to '+' and '-'
- Convenient tool free installation
- Communication via field bus, such as Profinet and EtherCAT
- UL and DNV-GL approval



Control media



Product Focus
LCOS Switch



Product Focus
LOCC-Box



Catalog
Industrial Power Supply

Our solutions for the power supply and current monitoring applications

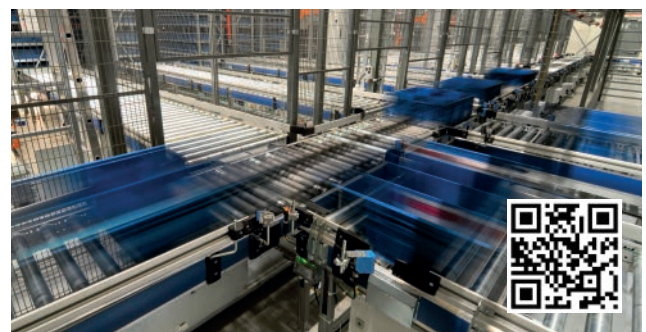


Cast off for LÜTZE

The famous Meyer shipyard in Papenburg, Germany, deliver numerous new cruise liners every year. On board these cruise liners are LÜTZE wiring systems, power supplies and dozens of kilometers of LÜTZE cables. These LÜTZE products help to highlight the many features of this adventure cruise ship.

Modern conveyor systems for steadily growing online business

Conveyors systems using DC motor rollers should incorporate circuit protection close to the rollers. Such decentralized technology makes remote monitoring possible and provides additional advantages as well.



LCOS monitoring is hard as steel

In the steel industry there are requirements for IT network solutions for current monitoring of welding machines. The solution to these specific requirements is provided by LÜTZE LCOS system.

Cable Solutions

High flexing cables for industrial applications

Connectivity Solutions

Industrial Ethernet, cable assemblies,
Actuator Sensor Interface, connectors and
suppression technology

Cabinet Solutions

AirSTREAM complete system for thermally
optimized and space-saving cabinet wiring

Control Solutions

Industrial Power Supplies and electronic current
control for Industrial Internet of Things. Infrastructure
for industrial networks, signal converter, relays and
modular electronics housing

Transportation Solutions

Solutions for the demanding Railway Sector,
for example control technology,
Interface solutions and signalling

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