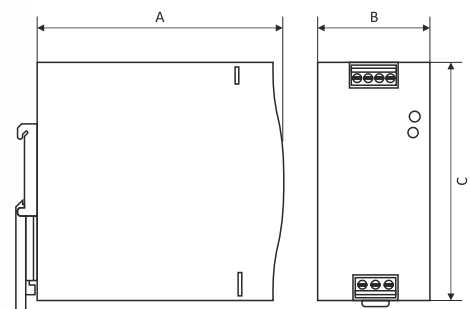


KSB 040; KSB 060; KSB 100



KSB 180

Power: **40; 60; 100; 180W**
 Rated input voltage: **90 - 264VAC; 127 - 370VDC**
 Output voltage: **13,8V; 27,6V**
 Efficiency: **86 - 90%**

Features:

- simultaneous powering of connected loads and battery charging,
- automatic switchover to battery operation in the event of AC mains failure,
- comprehensive protection system: short-circuit, overload, and overvoltage protection,
- battery protection against deep discharge and reverse polarity connection,
- high operating temperature range - up to 70°C*,
- high efficiency and reliability,
- long service life,
- natural convection cooling (fanless design).

Description:

The KSB series regulated switching buffer power supplies, designed for DIN rail mounting, are intended for applications requiring uninterrupted power supply. They enable simultaneous powering of connected loads from the AC mains while charging the backup battery. In the event of a mains power failure, the units automatically switch to battery operation. Built-in short-circuit, overvoltage, and overload

Type	Power	Output voltage CH1	Current CH1	Output voltage CH2	Current CH2	Dimensions [mm]			Weight [kg]
	[W]	[V]	[A]	[V]	[A]	A	B	C	
KSB 04012	40,02	13,8	1,9	13,8	1	100	40	90	0,3
KSB 04024	40,02	27,6	0,95	27,6	0,5	100	40	90	0,3
KSB 06012	59,34	13,8	2,8	13,8	1,5	100	40	90	0,3
KSB 06024	59,34	27,6	1,4	27,6	0,75	100	40	90	0,3
KSB 10012	96,6	13,8	4,5	13,8	2,5	100	55	90	0,37
KSB 10024	96,9	27,6	2,25	27,6	1,25	100	55	90	0,37
KSB 18012	179,4	13,8	9	13,8	4,5	113,5	63	125,2	0,71
KSB 18024	179,4	27,6	4,5	27,6	2	113,5	63	125,2	0,71

protection functions, together with battery protection features, enhance operational reliability and safety.

The power supplies are equipped with natural convection cooling, LED status indicators, and signaling outputs, facilitating integration and monitoring in industrial automation, security, and industrial control systems.

Applications:

- industrial automation,
- security and alarm systems,
- emergency lighting,
- DC UPS systems,
- video surveillance and access control systems.