



## Power Supply

This SKIDATA power pack has been especially designed for SKIDATA equipment. It can be mounted quickly and easily and convinces with its performance and high security standard.

### Convincing performance

- Full output power over a wide range of temperature
- High power output: 50% energy reserve for up to 4 s.
- Flexible and strong: Profit from the durable performance, the adjustable output voltage and up to 93% efficiency.

### Easy and fast mounting

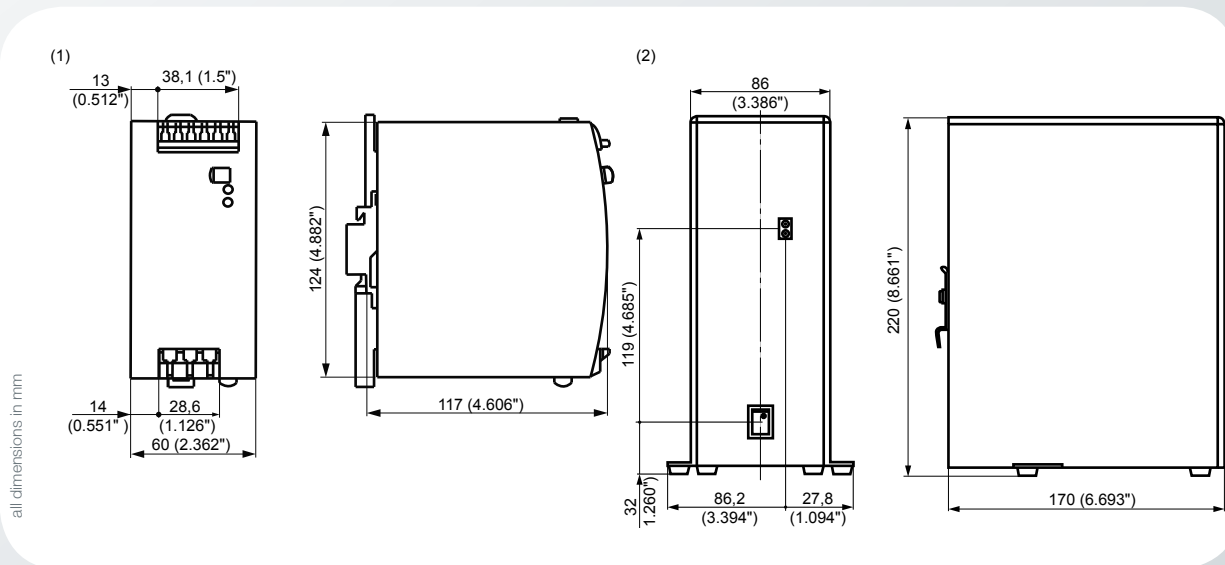
- Fast mounting: Thanks to the DIN rail bracket.
- Easy electric installation: Quick connector with spring terminals facilitates cable assembly.

### One power pack, two possibilities

- The small, built-in power plant: When mounted in the control cabinet on the DIN rail, the power pack is almost invisible.
- Separate casing: With its own separate casing and the integrated on/off switch, the power pack can also be installed outside of the control cabinet.

### Certified security

- Security first: Trust in certified standards and electronic protection against overcharge, zero load and short circuit.
- Easy diagnostics: Easy-to-read LED status indicators keep you informed about the current operating state.



## Versions

### Power pack without casing (1)

- Compact DIN rail power pack
- 50% energy reserve, available for 4 s
- Negligible inrush current
- 100–240 V AC wide input range
- Frequency 50–60 Hz
- Up to 93% efficiency
- Full output power available between  $-25\text{ °C}$  and  $+60\text{ °C}$  ( $-13\text{ °F}$  to  $+140\text{ °F}$ )
- Overcharge indicator
- DC OK indicator

- Output voltage adjustable between 24–28 V DC
- Easy mounting
- Quick-connect spring terminals
- Designed for power supply of either up to two Vario.Gates and a turnstile (with all options installed) or up to two Vario.Gates (without options installed) and two turnstiles with emergency release option
- Designed for power supply of one Freemotion.Gate (with all options installed)

### Power pack with casing (2)

- Additional illuminated on/off switch
- Additional IEC power (input)
- Additional PG glands (2 outputs)

## Technical Specifications

<b>Dimensions</b>	60 mm x 124 mm x 117 mm / 2.36" x 4.88" x 4.61" (w x h x d) without casing; 114 mm x 220 mm x 170 mm / 4.49" x 8.66" x 6.69" (w x h x d) with casing
<b>Weight</b>	approx. 950 g (2.1 lbs) without casing; approx. 2400 g (5.3 lbs) with casing
<b>Input voltage AC</b>	100–240 V AC
<b>Frequency</b>	50–60 Hz
<b>Inrush current AC</b>	typically 4 / 7 A peak value at 120 / 230 V AC
<b>Input voltage DC</b>	88–375 V DC
<b>Input current DC</b>	2.37 / 0.87 A at 110 / 300 V DC
<b>Output voltage</b>	24–28 V DC, multi-ganged potentiometer (24.1 V factory setting)
<b>Output current</b>	8–10 A
<b>Output power</b>	240 W
<b>Temperature range</b>	Operation: $-25\text{ °C}$ to $+70\text{ °C}$ ( $-13\text{ °F}$ to $+158\text{ °F}$ ) Storage: $-40\text{ °C}$ to $+85\text{ °C}$ ( $-40\text{ °F}$ to $+185\text{ °F}$ )
<b>Humidity</b>	5 to 95 % (IEC 60068-2-30)
<b>Output protection device</b>	Electronically protected against overcharge, zero load, short circuit
<b>DIN rail mounting</b>	use 35 mm (1.38") EN 60715 or 50022 compliant DIN rails with a height of 7.5 mm (0.3") or 15 mm (0.59") for mounting.
<b>Declarations / Certifications</b>	EN 61558-2-17, EN/IEC 60204-1, EN/IEC 61131-2, EN 50178, CE, $U_{US}$ , FCC only version without casing
<b>Residual ripple/Interference voltage</b>	max. 50 mVpp (20 Hz to 20 MHz)
<b>Efficiency</b>	up to 93 %
<b>Connectors</b>	Cross-sectional area of spring terminals: Solid wire: 0.5–6 mm <sup>2</sup> Stranded wire: 0.5–4 mm <sup>2</sup> American Wire Gauge: 20–10 AWG Wire stripping: 10 mm (0.4") 1 IEC power (input): only version with casing 2 PG glands (output): only version with casing

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