



EA-SPI 100



EA-SPI 200



EA-SPI 300

- Weiteingangsbereich 85...264 V AC mit aktiver PFC
- Weiteingangsbereich 120...360 V DC
- Einschaltstrombegrenzung
- Ausgangsleistungen: 100 W, 150 W, 200 W und 300 W
- Ausgangsspannungen: 5 V, 7.5 V, 12 V, 13.5 V, 15 V, 24 V, 27.5 V, 48 V, 54 V
- Ausgangsströme: 2,1 A bis 60 A
- Ausgangsspannung einstellbar ±10%
- Überspannungsschutz (OVP)
- Überstromschutz (OCP)
- Übertemperaturschutz (OTP)
- Extern ein/aus
- Fernfühleingang
- Kühlung SPI 100 und SPI 150 natürliche Konvektion
- Kühlung SPI 200 und SPI 300 mit Lüfter
- EMV EN 61000-6-1, EN 61000-6-3

- Wide range input 85...264 V AC with active PFC
- Wide range input 120...360 V DC
- Inrush current limiter
- Output powers: 100 W, 150 W, 200 W and 300 W
- Output voltages: 5 V, 7.5 V, 12 V, 13.5 V, 15 V, 24 V, 27.5 V, 48 V, 54 V
- Output currents: 2.1 A up to 60 A
- Output voltage adjustable ±10%
- Overvoltage protection (OVP)
- Overcurrent protection (OCP)
- Overtemperature protection (OTP)
- Extern on/off
- Remote sensing
- Cooling SPI 100 and SPI 150 natural convection
- Cooling SPI 200 and SPI 300 with fan
- EMI EN 61000-6-1, EN 61000-6-3

**Allgemeines**

Hohe Leistungsdichte und kompakter Aufbau zeichnen diese getakteten Einbaunetzgeräte aus. Sie sind mit einer aktiven Leistungsfaktorkorrektur (PFC), Fernfühlung und einem Überspannungsschutz (OVP) ausgestattet.

**Eingang**

Die Geräte haben einen weiten Eingangsbereich von 85-264 V<sub>AC</sub> und können auch mit Gleichspannungen von 120-360 V<sub>DC</sub> betrieben werden.

**Ausgang**

Mit einem Trimmer auf der Front kann die Ausgangsspannung um ±10% des Nennwertes variiert werden.

**General**

High power density and a compact design are standard for these switching mode power packs. They are equipped with an active power factor correction (PFC), remote sensing and an overvoltage protection (OVP).

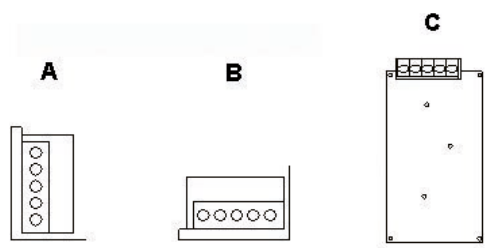
**Input**

The units have a wide AC input range of 85-264 V and can also be operated with a DC input voltage within the range of 120-360 V.

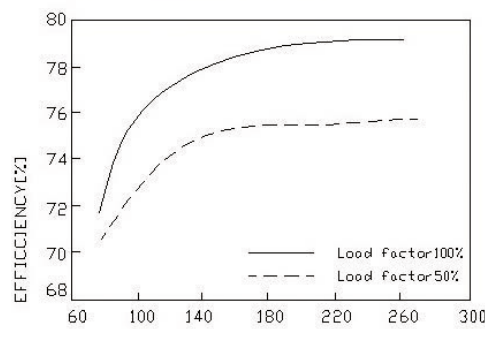
**Output**

There is a trimmer on the front panel side can adjust the output voltage within a range of ±10% of nominal output voltage.

**Montage Methode    Mounting Methode**

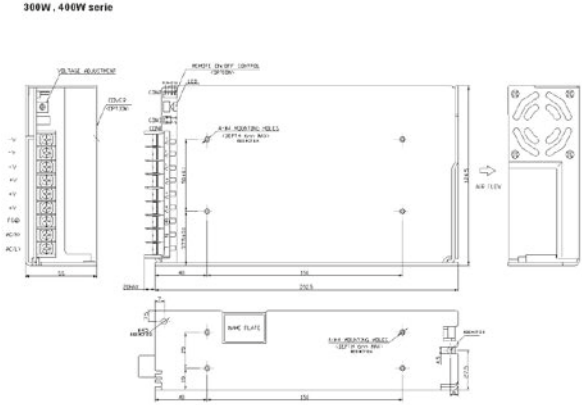
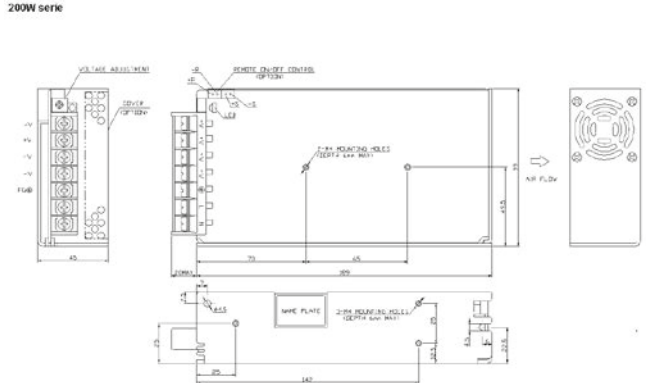
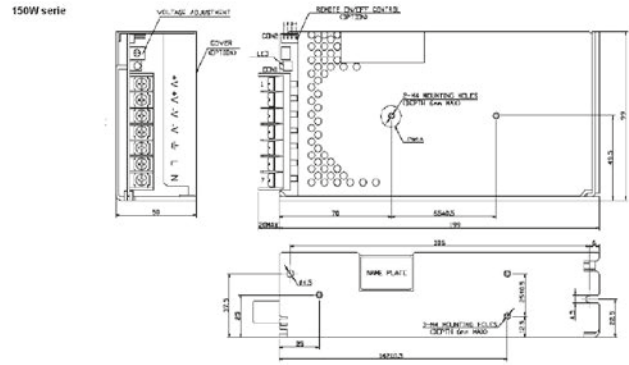
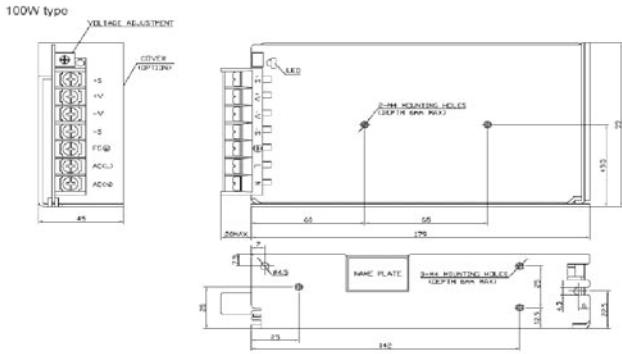


**Wirkungsgrad / Efficiency**



# EA-SPI 100-300 100W - 300W

## DC-EINBAUNetzGERÄTE / BUILT-IN DC POWER SUPPLIES



| Modell          | Eingang AC 47-63 Hz | Eingang DC  | Leistungs-faktor | Ausgangs-spannung | OVP Bereich   | Welligkeit mVpp | Stabilität 0-100% Last | Ausgangs-strom | Abmessungen BxHxT (mm) | Artikel-Nr. |
|-----------------|---------------------|-------------|------------------|-------------------|---------------|-----------------|------------------------|----------------|------------------------|-------------|
| Model           | Input AC 47-63 Hz   | Input DC    | Power factor     | Output voltage    | OVP range     | Ripple mVpp     | Load reg. 0-100% load  | Output current | Dimensions WxHxD (mm)  | Article No. |
| EA-SPI 100-05   | 85...264 V          | 120...360 V | >0.95            | 5 V DC            | 5.75...7 V    | <100 mV         | <40 mV                 | 20 A           | 99x45x199              | 38917107    |
| EA-SPI 100-12   | 85...264 V          | 120...360 V | >0.95            | 12 V DC           | 13.8...16.8 V | <120 mV         | <96 mV                 | 8.5 A          | 99x45x199              | 38917108    |
| EA-SPI 100-15   | 85...264 V          | 120...360 V | >0.95            | 15 V DC           | 17.3...21 V   | <120 mV         | <120 mV                | 7 A            | 99x45x199              | 38917109    |
| EA-SPI 100-24   | 85...264 V          | 120...360 V | >0.95            | 24 V DC           | 28...33.6 V   | <150 mV         | <150 mV                | 4.5 A          | 99x45x199              | 38917110    |
| EA-SPI 100-27   | 85...264 V          | 120...360 V | >0.95            | 27 V DC           | 31...38.5 V   | <150 mV         | <150 mV                | 3.8 A          | 99x45x199              | 38917136    |
| EA-SPI 100-48   | 85...264 V          | 120...360 V | >0.95            | 48 V DC           | 55...67.2 V   | <250 mV         | <240 mV                | 2.1 A          | 99x45x199              | 38917111    |
| EA-SPI 150-05   | 85...264 V          | 120...360 V | >0.95            | 5 V DC            | 5.75...7 V    | <100 mV         | <40 mV                 | 30 A           | 99x50x219              | 38917112    |
| EA-SPI 150-7,5  | 85...264 V          | 120...360 V | >0.95            | 7.5 V DC          | 8.6...10.5 V  | <100 mV         | <60 mV                 | 20 A           | 99x50x219              | 38917149    |
| EA-SPI 150-12   | 85...264 V          | 120...360 V | <0.95            | 12 V DC           | 13.8...16.8 V | <120 mV         | <96 mV                 | 13 A           | 99x50x219              | 38917113    |
| EA-SPI 150-13,5 | 85...264 V          | 120...360 V | >0.95            | 13.5 V DC         | 15.5...19 V   | <120 mV         | <110 mV                | 11 A           | 99x50x219              | 38917130    |
| EA-SPI 150-15   | 85...264 V          | 120...360 V | >0.95            | 15 V DC           | 17.3...21 V   | <120 mV         | <120 mV                | 10 A           | 99x50x219              | 38917114    |
| EA-SPI 150-24   | 85...264 V          | 120...360 V | >0.95            | 24 V DC           | 28...33.6 V   | <120 mV         | <150 mV                | 6.5 A          | 99x50x219              | 38917115    |
| EA-SPI 150-27   | 85...264 V          | 120...360 V | <0.95            | 27.5 V DC         | 31...38.5 V   | <120 mV         | <150 mV                | 5.6 A          | 99x50x219              | 38917127    |
| EA-SPI 150-48   | 85...264 V          | 120...360 V | >0.95            | 48 V DC           | 55...67.2 V   | <160 mV         | <240 mV                | 3.3 A          | 99x50x219              | 38917116    |
| EA-SPI 150-54   | 85...264 V          | 120...360 V | >0.95            | 54 V DC           | 62...76 V     | <160 mV         | <260 mV                | 2.8 A          | 99x50x219              | 38917131    |
| EA-SPI 200-05   | 85...264 V          | 120...360 V | >0.95            | 5 V DC            | 5.75...7 V    | <100 mV         | <40 mV                 | 40 A           | 99x45x209              | 38917117    |
| EA-SPI 200-12   | 85...264 V          | 120...360 V | >0.95            | 12 V DC           | 13.8...16.8 V | <120 mV         | <96 mV                 | 17 A           | 99x45x209              | 38917118    |
| EA-SPI 200-13,5 | 85...264 V          | 120...360 V | >0.95            | 13.5 V DC         | 15.5...19 V   | <120 mV         | <100 mV                | 15 A           | 99x45x209              | 38917132    |
| EA-SPI 200-15   | 85...264 V          | 120...360 V | >0.95            | 15 V DC           | 17.3...21 V   | <120 mV         | <120 mV                | 14 A           | 99x45x209              | 38917119    |
| EA-SPI 200-24   | 85...264 V          | 120...360 V | >0.95            | 24 V DC           | 28...33.6 V   | <150 mV         | <150 mV                | 8.5 A          | 99x45x209              | 38917120    |
| EA-SPI 200-27   | 85...264 V          | 120...360 V | >0.95            | 27.5 V DC         | 31...38.5 V   | <150 mV         | <150 mV                | 7.5 A          | 99x45x209              | 38917128    |
| EA-SPI 200-48   | 85...264 V          | 120...360 V | >0.95            | 48 V DC           | 55...67.2 V   | <250 mV         | <240 mV                | 4.5 A          | 99x45x209              | 38917121    |
| EA-SPI 200-54   | 85...264 V          | 120...360 V | >0.95            | 54 V DC           | 62...76 V     | <250 mV         | <240 mV                | 4.0 A          | 99x45x209              | 38917133    |
| EA-SPI 300-05   | 85...264 V          | 120...360 V | >0.95            | 5 V DC            | 5.75...7 V    | <150 mV         | <40 mV                 | 60 A           | 125x55x253             | 38917122    |
| EA-SPI 300-12   | 85...264 V          | 120...360 V | >0.95            | 12 V DC           | 13.8...16.8 V | <150 mV         | <96 mV                 | 27 A           | 125x55x253             | 38917123    |
| EA-SPI 300-13,5 | 85...264 V          | 120...360 V | >0.95            | 13.5 V DC         | 15.5...19 V   | <150 mV         | <100 mV                | 24 A           | 125x55x253             | 38917134    |
| EA-SPI 300-15   | 85...264 V          | 120...360 V | >0.95            | 15 V DC           | 17.3...21 V   | <150 mV         | <120 mV                | 22 A           | 125x55x253             | 38917124    |
| EA-SPI 300-24   | 85...264 V          | 120...360 V | >0.95            | 24 V DC           | 28...33.6 V   | <200 mV         | <150 mV                | 14 A           | 125x55x253             | 38917125    |
| EA-SPI 300-27   | 85...264 V          | 120...360 V | >0.95            | 27.5 V DC         | 31...38.5 V   | <220 mV         | <160 mV                | 12.5 A         | 125x55x253             | 38917129    |
| EA-SPI 300-48   | 85...264 V          | 120...360 V | >0.95            | 48 V DC           | 55...67.2 V   | <250 mV         | <300 mV                | 7 A            | 125x55x253             | 38917126    |
| EA-SPI 300-54   | 85...264 V          | 120...360 V | >0.95            | 54 V DC           | 62...76 V     | <270 mV         | <340 mV                | 6.2 A          | 125x55x253             | 38917135    |