

EA-SPI 100-300 100W - 300W 內置電源 / BUILT-IN POWER SUPPLIES



- 寬範圍輸入電壓 85...264V，帶主動式PFC
- 寬範圍輸入電壓 120...360V DC
- 浪涌電流限制器
- 輸出功率: 100W, 150W, 200W 和 300W
- 輸出電壓: 5V, 12V, 13.5V, 15V, 24V, 27.5V, 48V, 54V
- 輸出電流: 2.1A 至 60A
- 輸出電壓可調範圍為 $\pm 10\%$
- 有過壓保護(OVP)
- 有過流保護(OCF)
- 有過溫保護(OTP)
- 遠端開/關
- 遠端感測
- SPI 100 和 SPI 150用自然風冷卻
- SPI 200 和 SPI 300用風扇制冷
- 符合EN 60950安規標準
- 符合EMI EN 61000-6-1, EN 61000-6-3標準
- 有CE標志, 符合EMC和低壓指令

概要

本電源系列為開關模式電源，高功率密度和緊湊的設計為其標準。具有主動式功率因素校正(PFC)，遠端感測和過壓保護(OVP)。

輸入

輸出輸入電壓範圍廣，85-264V AC。也可在120-360V DC的直流輸入電壓下操作。

輸出

前板上 V.ADJ電位器可在額定輸出電壓的 $\pm 10\%$ 範圍內對其進行調節。

- Wide input voltage range 85...264V with active PFC
- Wide input voltage range 120...360V DC
- Inrush current limiter
- Output powers: 100W, 150W, 200W and 300W
- Output voltages: 5V, 12V, 13.5V, 15V, 24V, 27.5V, 48V, 54V
- Output currents: 2.1A up to 60A
- Output voltage adjustable $\pm 10\%$
- Overvoltage protection (OVP)
- Overcurrent protection (OCF)
- Overtemperature protection (OTP)
- Remote on/off
- Remote sense
- Cooling SPI 100 and SPI 150 natural convection
- Cooling SPI 200 and SPI 300 with fan
- Safety EN 60950
- EMI EN 61000-6-1, EN 61000-6-3
- CE marked compliance to EMC, Low voltage directives

General

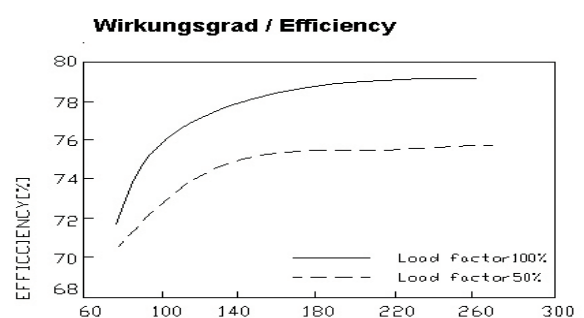
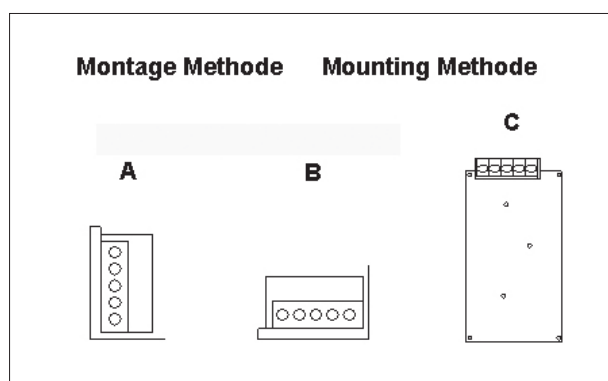
High Power density and a compact design is standard for these switch mode units. They are equipped with an active power factor correction (PFC), remote sensing and an overvoltage protection (OVP).

Input

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

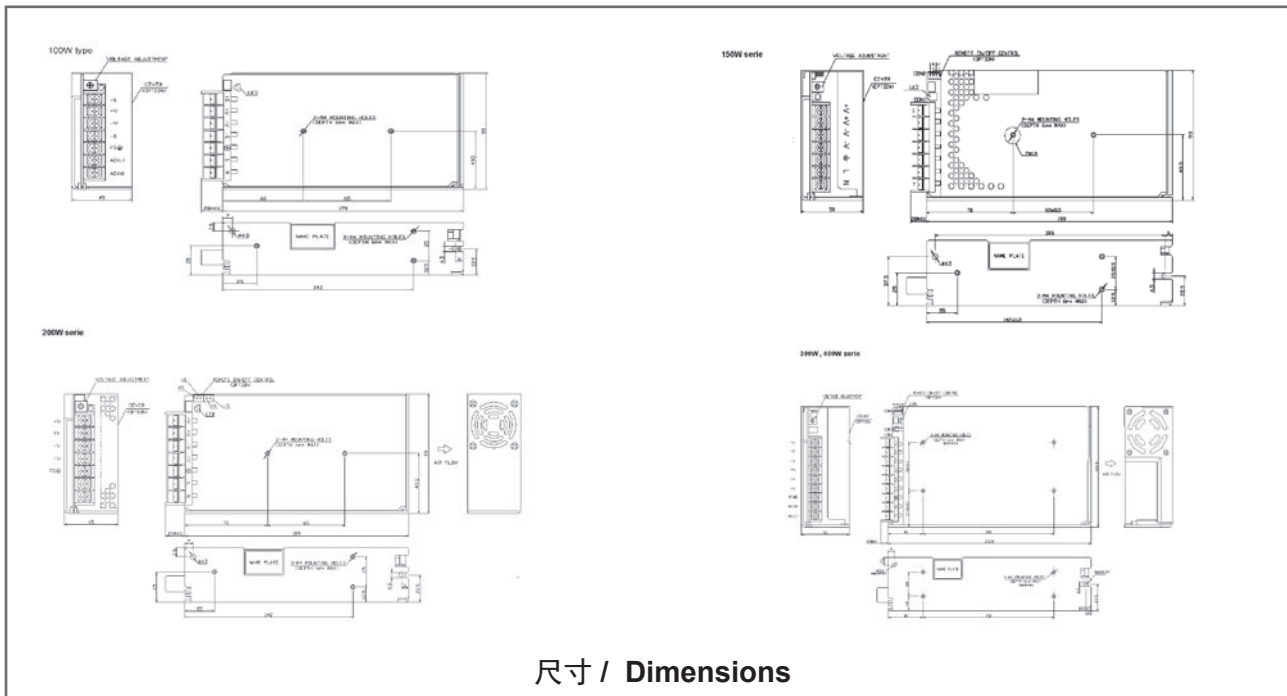
Output

The V.ADJ trimmer on the front panel side can adjust the output voltage within a range of $\pm 10\%$ of nominal output voltage.



EA-SPI 100-300 100W - 300W

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尺寸 / Dimensions

技術參數	輸入 AC 47-63Hz	輸入 DC	功率因素	輸出電壓	OVP 範圍	紋波 mVpp	帶載0-100% 時的穩定度	輸出電流	尺寸 WxHxD (mm)	產品編號
Technical Data	Input AC 47-63Hz	Input DC	Power Factor	Output Voltage	OVP Range	Ripple mVpp	Stability 0-100% load	Output Current	Dimensions WxHxD (mm)	Item No.
EA-SPI 100-05	85...264V	120...360V	>0,95	5V DC	5,75...7V	<100mV	<40mV	20A	99x45x199	38917107
EA-SPI 100-12	85...264V	120...360V	>0,95	12V DC	13,8...16,8V	<120mV	<96mV	8,5A	99x45x199	38917108
EA-SPI 100-15	85...264V	120...360V	>0,95	15V DC	17,3...21V	<120mV	<120mV	7A	99x45x199	38917109
EA-SPI 100-24	85...264V	120...360V	>0,95	24V DC	28...33,6V	<150mV	<150mV	4,5A	99x45x199	38917110
EA-SPI 100-27	85...264V	120...360V	>0,95	27V DC	31...38,5V	<150mV	<150mV	3,8A	99x45x199	38917136
EA-SPI 100-48	85...264V	120...360V	>0,95	48V DC	55...67,2V	<250mV	<240mV	2,1A	99x45x199	38917111
EA-SPI 150-05	85...264V	120...360V	>0,95	5V DC	5,75...7V	<100mV	<40mV	30A	99x50x219	38917112
EA-SPI 150-12	85...264V	120...360V	>0,95	12V DC	13,8...16,8V	<120mV	<96mV	13A	99x50x219	38917113
EA-SPI 150-13,5	85...264V	120...360V	< 0,95	13,5V DC	15,5...19V	<120mV	<110mV	11A	99x50x219	38917130
EA-SPI 150-15	85...264V	120...360V	>0,95	15V DC	17,3...21V	<120mV	<120mV	10A	99x50x219	38917114
EA-SPI 150-24	85...264V	120...360V	>0,95	24V DC	28...33,6V	<120mV	<150mV	6,5A	99x50x219	38917115
EA-SPI 150-27	85...264V	120...360V	<0,95	27,5V DC	31...38,5V	<120mV	<150mV	5,6A	99x50x219	38917127
EA-SPI 150-48	85...264V	120...360V	>0,95	48V DC	55...67,2V	<160mV	<240mV	3,3A	99x50x219	38917116
EA-SPI 150-54	85...264V	120...360V	>0,95	54V DC	62...76V	<160mV	<260mV	2,8A	99x50x219	38917131
EA-SPI 200-05	85...264V	120...360V	>0,95	5V DC	5,75...7V	<100mV	<40mV	40A	99x45x209	38917117
EA-SPI 200-12	85...264V	120...360V	>0,95	12V DC	13,8...16,8V	<120mV	<96mV	17A	99x45x209	38917118
EA-SPI 200-13,5	85...264V	120...360V	>0,95	13,5V DC	15,5...19V	<120mV	<100mV	15A	99x45x209	38917132
EA-SPI 200-15	85...264V	120...360V	>0,95	15V DC	17,3...21V	<120mV	<120mV	14A	99x45x209	38917119
EA-SPI 200-24	85...264V	120...360V	>0,95	24V DC	28...33,6V	<150mV	<150mV	8,5A	99x45x209	38917120
EA-SPI 200-27	85...264V	120...360V	>0,95	27,5V DC	31...38,5V	<150mV	<150mV	7,5A	99x45x209	38917128
EA-SPI 200-48	85...264V	120...360V	>0,95	48V DC	55...67,2V	<250mV	<240mV	4,5A	99x45x209	38917121
EA-SPI 200-54	85...264V	120...360V	>0,95	54V DC	62...76V	<250mV	<240mV	4,0A	99x45x209	38917133
EA-SPI 300-05	85...264V	120...360V	>0,95	5V DC	5,75...7V	<150mV	<40mV	60A	115x50x229	38917122
EA-SPI 300-12	85...264V	120...360V	>0,95	12V DC	13,8...16,8V	<150mV	<96mV	27A	115x50x229	38917123
EA-SPI 300-13,5	85...264V	120...360V	>0,95	13,5V DC	15,5...19V	<150mV	<100mV	24A	115x50x229	38917134
EA-SPI 300-15	85...264V	120...360V	>0,95	15V DC	17,3...21V	<150mV	<120mV	22A	115x50x229	38917124
EA-SPI 300-24	85...264V	120...360V	>0,95	24V DC	28...33,6V	<200mV	<150mV	14A	115x50x229	38917125
EA-SPI 300-27	85...264V	120...360V	>0,95	27,5V DC	31...38,5V	<220mV	<160mV	12,5A	115x50x229	38917129
EA-SPI 300-48	85...264V	120...360V	>0,95	48V DC	55...67,2V	<250mV	<300mV	7A	115x50x229	38917126
EA-SPI 300-54	85...264V	120...360V	>0,95	54V DC	62...76V	<270mV	<340mV	6,2A	115x50x229	38917135