

Power Supply Equipment

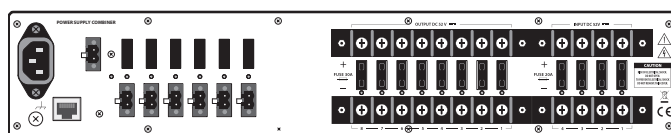
EST-PSC Power Supply Combiner

EST-PS48800 Power Supply Unit / EST-PF4 Power Frame

Power Supply Combiner / Front



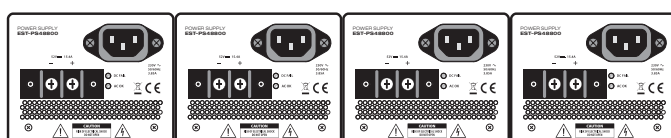
Power Supply Combiner / Back



Power Frame / Front



Power Supply Units / Back



The EST-PSC power supply combiner is used to supply electronic equipment with 52 VDC rated voltage, with a total maximum power of 3,2 kW.

It uses external 800 W EST-PS48800 switching power supplies.

The EST-PSC can work with up to four of EST-PS48800 power supplies, ensuring their safe work connection.

The power supply combiner is to be used in cases where emergency battery power is not needed.

The EST-PSC power supply combiner is designed to power amplifiers, which are not equipped with their own PSU, it is also possible to power amplifiers equipped with an auxiliary DC input.

The maximum configuration of the power delivery system is as follows:

- **1x EST-PSC** – Power supply combiner
- **4x EST-PS48800** – Power supply module
- **1x EST-PF4** – Power supply modules bracket

	EST-PSC
Electrical parameters	
Maximum configuration	1x EST-PSC – Power Supply Combiner 4x EST-PS4880 – Power Supply Unit 1x EST-PF4 – Power Supply Units Frame
Efficiency at rated power	> 98%
DC inputs	4; M4 DEGSON terminals, 13 mm raster, dedicated PSU (EST-PS48800)
DC input protection	4x 20 A 58 VDC blade fuse
DC outputs	8x 52 V, M4 DEGSON terminals, 13 mm raster, each 52 VDC output 30 A max.
DC output protection	8x 30 A 58 VDC blade fuse
Maximum total DC load	The maximum total DC load should not exceed 60 A
External parameters	
Enclosure	Steel front panel, powder coated, flat black, white inscriptions
Operating temperature	-5°C up +40°C
Dimensions	482 (W) x 85 (H) x 443 (D) mm
Weight	6 kg
	EST-PS48800
AC power supply	230 VAC +10% -15%, 50/60Hz, 3.85 A Wire with IEC 60320 C13 3x0,75 mm ² coupling (supplied with the unit)
Maximum power consumption	885 W / 3.85 A
Efficiency at rated power	> 90%
AC input protection	T6.3 A/250 V 5x20mm slow-blow fuse (accessed when the casing is open)
Protection from electric shock	Class I (EN 60065)
DC output	52 VDC; max. 15.4 A
Dimensions	85 (W) x 95 (H) x 395 (D)
Weight	2.6 kg