



P-A Emilson  
Network Power Solutions  
& Components

# PAE POWER Supply systems

- P-series PSU
- LP- series PSU





P1800 is a part of the P-series PSU which is a series of high performing AC/DC power supplies ranging from 700W-4000W power output.

The P-series PSUs are optimized for durability and heavy continues loads over long time. Well proven components for highest reliability and full-frontal loading makes the P-series PSUs unique in the market.

The P-series PSUs are the perfect power unit for deployment in DC-networks that demand high reliability and a great footprint to power ratio. With standard connections and full frontal loading the P-series PSUs are an extremely versatile and capable power unit with plug and play installation.

- Integrated locking technology to prevent AC disconnect
- High reliability with redundant power & robust design
- High density power with small footprint at 1U
- Plug & play and hot swappable
- Front-loaded input + output
- Up to 96,4% efficiency

P-series PSU technical information	
Output/input	90-275 VAC input, 48-54V DC output
Power (1800W version)	Redundant power supply @ 1800W or full output @ 3600W
Operating temperature	-5 to +50°C
Size	1RU, 19"-23" rack mount
Weight	Approx. 6,5kg
Certifications & approvals	UL, CSA, CE, RoHS, REACH







A1100 is a part of the A-series PSU which is a series of hardened high performing AC/DC power supplies ranging from 700W-3200W power output.

The A1100 is optimized and hardened to fulfill both ETSI 300 size requirements (max 300mm cabinet depth) and be performing in harsh environments up to +65°C ambient temp.

The PAE A1100 is a perfect PSU for deployment in harsh environment where reliability, up-time and physical footprint is critical.

- High reliability with redundant power & robust design
- High density power with small footprint at 1U
- Plug & play and hot swappable
- Front-loaded input + output
- ETSI 300 compatible
- 93% efficiency

A1100 technical information	
Output/input	100-240 VAC input, 48-54V DC output
Power (1050W version)	Redundant power supply @ 1050W or full output @ 2100W
Operating temperature	-25 to +65°C
Size	1RU, 19"-23" rack mount
Weight	Approx. 6kg
Certifications & approvals	UL, CSA, CE, RoHS, REACH







LP700 is part of the LP-series PSU which is a series of compact high performing AC/DC power supplies ranging from 700W-2000W power output for portable desktop use or rack mounted.

The LP700 is optimized to be used as a portable power unit. Thanks to the conformity to the rest of the PAE PSUs it is also mountable as 1U 19” rack module. The PSU can be equipped with a range of different rectifier units to meet your requirements.

- High reliability and robust design
- High density power with small footprint
- Plug & play and hot swappable
- Front-loaded input + output
- Rack mount or tabletop use
- Up to 96,4% efficiency

The PAE LP700 is a perfect PSU for deployment in lab environments where mobility and flexibility is key.

LP-series technical information	
Output/input	90-275 VAC input, 24-54V DC output
Power output	2x700W-1000W
Operating temperature	-5 to +50°C
Size	294x248x44mm
Weight	<5 kg
Certifications & approvals	UL, CSA, CE, RoHS, REACH





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CONTACT:

Henrik Emilson, CEO  
Tel. +46 70 533 96 00  
[henrik@paemilson.se](mailto:henrik@paemilson.se)



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