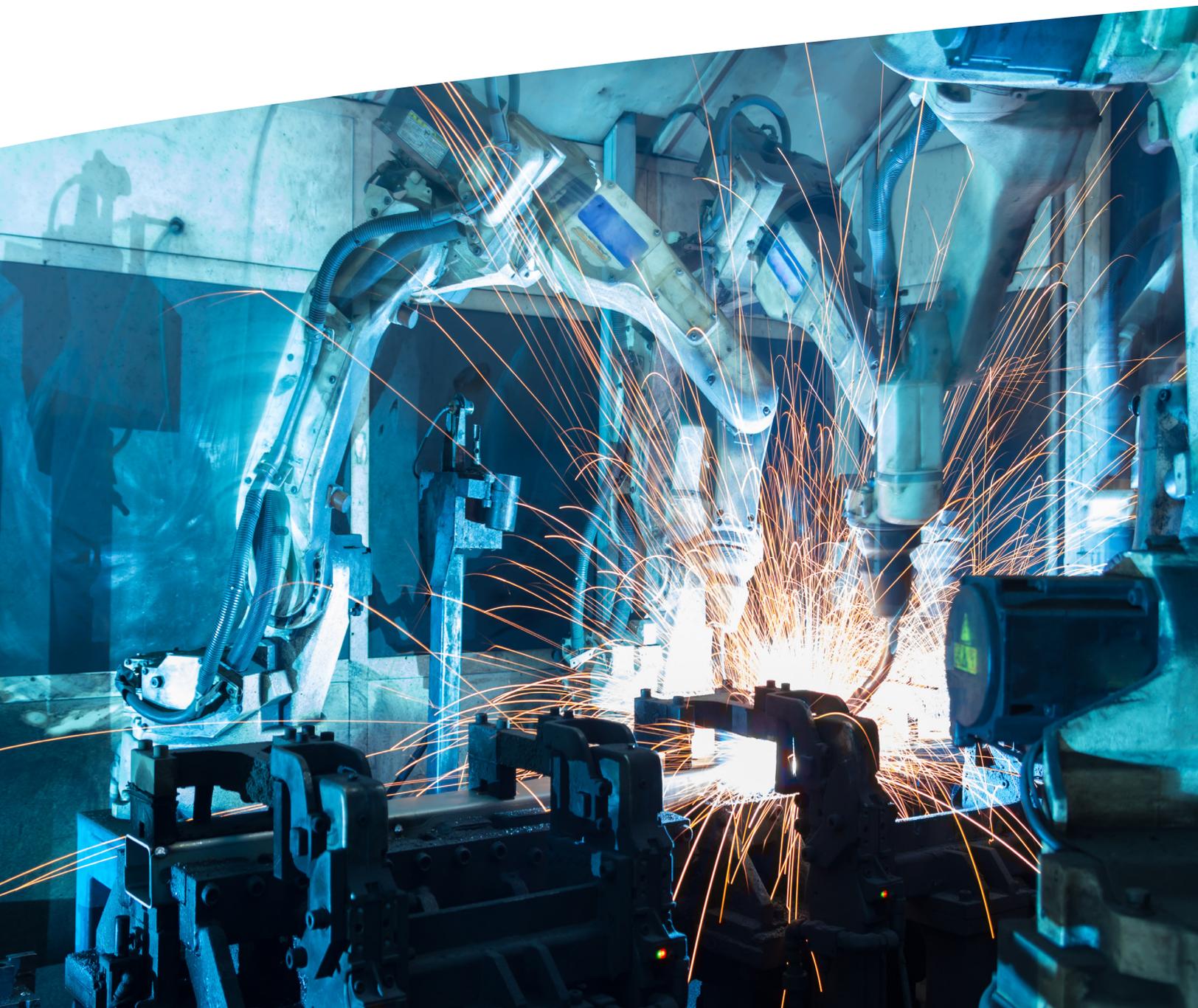


POWER SUPPLY SOLUTIONS

DRIVE PRODUCT PERFORMANCE



PRODUCT PORTFOLIO

Our product portfolio, includes AC/DC switch mode power supplies, desktop and wall mount products as well as enclosed, encapsulated power supplies.

We provide leading power conversion solutions, engineering support and global manufacturing to OEMs worldwide.

- Medical and ITE Safety Certified AC/DC and DC/DC Products from 5W to 1.1KW
- Engineering/Technical Expertise to Ease your System Design Process
- Individualised Inventory and Pricing Programs
- Full Design Cycle Support from Product Selection to RMA/Local Repair Services
- Global Supply Chain and Manufacturing
- Power Electronics Lab for Modified Design Prototyping, Fault Analysis, Applications Integration and Load characterisation testing
- Our Power Supply Brands Include Power Partners, Stontronics, Powerpax and Cable Power.
- We are the Exclusive Distributor of Protek in North America and the UK.

MEDICAL GRADE

Open Frame, U-Channel, Wallmount and Desktop Designs. Cost-effective solutions that incorporate IEC 60601 3rd Edition safety and 4th Edition EMC compliance, outputs suitable for BF rated applied parts, and Class I and Class II inputs.

INDUSTRIAL GRADE

Open Frame, U-Channel, Wallmount and Desktop Power Supplies. All products are designed to comply with safety and efficiency requirements pertinent to industrial applications and all of our desktop adaptors meet Efficiency Level VI compliance and EN62368-1.

CUSTOM AND MODIFIED DESIGNS

We solve our customer's power challenges in specifying and designing the right standard, modified or customised solution for the application.

- Non-standard Output Voltages
- Alternate Connectors
- Alternate Pin-outs
- Modified Cord Lengths and Cables
- Extended Temperature Ranges
- Enhanced EMI Filtering
- Peak Power Capability
- Decreased Leakage Current
- Custom Enclosures
- Additional Safety Approvals



AC-DC COVERED, OPEN-FRAME and U-CANNEL

MEDICAL GRADE POWER SUPPLIES

Our medical power supplies are designed with primary focus on safety, quality and reliability. Our power supplies incorporate the most sought after features such as small footprints, high power density, IEC 60601-1-2 4th Edition EMC and IEC 60601-1-11 home healthcare compliance, 2xMOPP, outputs suitable for BF rated applied parts and Class II inputs to address the clinical and growing home healthcare markets.



Series	Output Power	Output Voltage	Input Class	Dimension (WxLxH)	Operating Temperature (with Derating)
PM101	100W	12-48VDC	I	2" x 4" x 1.3"	0°C to +70°C
PDAM120	120W	12-48VDC	I/II	2" x 3" x 1.2"	-30°C to +70°C
PM150	150W	12-48VDC	I/II	2" x 4" x 1.3"	0°C to +70°C
PPWAM150	150W	12-54VDC	I	2" x 3" x 1.2"	-20°C to +70°C
PPWAM180	180W	12-48VDC	I	3" x 5" x 1.2"	0°C to +60°C
PDAM240	240W	12-48VDC	I/II	2" x 4" x 1.1"	-30°C to +70°C
PPWAM280	280W	12-54VDC	I	3" x 5" x 1.2"	0°C to +70°C
VCCS300M	300W	12-56VDC	I	2" x 4" x 1.6"	-40°C to +70°C
PPWAM360	360W	12-54VDC	I	4" x 6" x 1.2"	0°C to +70°C
PDAM500	500W	12-48VDC	I	3" x 5" x 1.4"	-30°C to +70°C
PM500F	500W	12-57VDC	II	4" x 7" x 1.4"	-10°C to +70°C
PM1100	1100W	24-48VDC	I	5.9" x 9.3" x 2.4"	-10°C to +70°C

INDUSTRIAL GRADE POWER SUPPLIES

Our industrial power supplies are widely used in applications such as printers, test and measurement instruments, factory automation, industrial controls, and consumer communications/networking devices. Product features include peak output power, high efficiency, small form factors, worldwide safety and EMC compliance, and are updated to the new IEC 62368-1 standard.



Series	Output Power	Output Voltage	Input Class	Dimension (WxLxH)	Operating Temperature (with Derating)
PPWA40	25-40W	5-48VDC	I	1.5" x 3" x 0.9"	0°C to +70°C
PPWAM150	150W	12-54VDC	I	2" x 3" x 1.2"	-20°C to +70°C
PPWA150B	150W	12-48VDC	I	2" x 4" x 1"	-25°C to +70°C
PDAM240	240W	12-48VDC	I/II	2" x 4" x 1.1"	-30°C to +70°C
PPWAM280	280W	12-54VDC	I	3" x 5" x 1.2"	0°C to +70°C
VCCS300S	300W	12-56VDC	I	2" x 4" x 1.6"	-40°C to +70°C
PPWAM360	360W	12-54VDC	I	4" x 6" x 1.2"	0°C to +70°C
PDAM500	500W	12-48VDC	I	3" x 5" x 1.4"	-30°C to +70°C

AC-DC DESKTOP

MEDICAL GRADE POWER SUPPLIES

Our medical desktop adapters are designed with safety, quality and reliability as priority. Our power supplies incorporate the latest features such as low noise, small form factors, IP22 ingress protection, IEC 60601-1-2 4th Edition EMC and IEC 60601-1-11 home healthcare compliance, 2xMOPP, outputs suitable for BF Rated applied parts and Class I/II inputs to address the clinical and the growing home healthcare markets.



Series	Output Power	Output Voltage	Input Class	Dimension (WxLxH)	Operating Temperature (with Derating)
PEAMD36	20-36W	5-48VDC	I/II	1.8" x 3.9" x 1.2"	0°C to +60°C
PEAMD50	35-50W	5-56VDC	I/II	1.9" x 4.4" x 1.4"	0°C to +60°C
PEAMD72	45-72W	5-56VDC	I/II	1.9" x 4.4" x 1.4"	0°C to +60°C
PMP92	90W	12-24VDC	I/II	2.8" x 5.5" x 0.9"	0°C to +60°C
PEAMD100	90-100W	12-56VDC	I/II	2.3" x 6" x 1.3"	0°C to +60°C
PEAMD120	120-130W	12-56VDC	I/II	2.3" x 5.4" x 1.3"	0°C to +60°C
PEAMD150	150W	12-56VDC	I/II	2.6" x 7" x 1.6"	0°C to +60°C
PEAMD180	160-180W	12-56VDC	I/II	2.6" x 7" x 1.6"	0°C to +60°C
PEAMD250	220-250W	12-56VDC	I/II	3.3" x 7.2" x 1.8"	0°C to +60°C
PMP250	220-250W	12-54VDC	I/II	3.5" x 8" x 1.6"	-20°C to +60°C
PPWAMD300	300W	12-54VDC	I/II	4.4" x 8.7" x 1.8"	0°C to +60°C
PEAMD310	220-250W	12-56VDC	I/II	4" x 7.8" x 2"	0°C to +60°C
PMP400	400W	15-48VDC	I/II	4.7" x 9.8" x 1.9"	-10°C to +60°C

INDUSTRIAL GRADE POWER SUPPLIES

Our industrial desktop adapters are widely used in applications such as printers, test and measurement instruments, factory automation, industrial controls, and consumer communications/networking devices. Product features include low noise, small form factors, IP22 ingress protection, Level VI and CoC Tier 2 compliance, and a choice of Class I or Class II inputs. All certifications are updated to the new IEC 62368-1 standard.



Series	Output Power	Output Voltage	Input Class	Dimension (WxLxH)	Operating Temperature (with Derating)
PUP25N3	15-25W	5-24VDC	I	1.5" x 3.7" x 1.2"	0°C to +60°C
PEAD36B	36W	5-48VDC	I/II	1.8" x 3.9" x 1.2"	0°C to +60°C
PSAD36B	36W	5-48VDC	I/II	1.8" x 3.8" x 1.2"	0°C to +60°C
PEAD50	50W	5-56VDC	I/II	1.9" x 4.4" x 1.4"	0°C to +60°C
PEAD50B	50W	12-56VDC	I/II	1.9" x 4.1" x 1.1"	0°C to +60°C
PEAD60	60W	5-56VDC	I/II	1.9" x 4.4" x 1.4"	0°C to +60°C
PSAD65	65W	12-48VDC	I/II	2" x 4.7" x 1.3"	0°C to +60°C
PEAD65	65W	12-56VDC	I/II	1.8" x 4.1" x 1.1"	0°C to +60°C
PEAD72	72W	5-56VDC	I/II	1.9" x 4.4" x 1"	0°C to +60°C
PUP90N3	90W	19-54VDC	I	2.6" x 5.5" x 1"	0°C to +60°C
PUP120N3	96-120W	12-54VDC	I	3" x 6" x 1"	0°C to +60°C
PEAD100D	100W	12-56VDC	I/II	2.3" x 5.3" x 1"	0°C to +60°C
PEAD120B	120W	12-56VDC	I/II	2.3" x 5.4" x 1.3"	0°C to +60°C
PEAD150C	150W	12-56VDC	I/II	2.5" x 6.3" x 1.2"	0°C to +60°C
PEAD200	200W	12-56VDC	I/II	3" x 6" x 1"	0°C to +60°C
PUP150N3	150W	12-54VDC	I	3" x 6" x 1"	0°C to +60°C
PEAD180	180W	12-56VDC	I/II	2.6" x 7" x 1.6"	0°C to +60°C
PUP180N3	180W	19-54VDC	I	3" x 6" x 1"	0°C to +60°C
PUP230N3	230W	19.5-24VDC	I	3.4" x 7" x 1.3"	0°C to +60°C
PEAD250B	250W	12-56VDC	I/II	3.3" x 6.7" x 1.2"	0°C to +60°C
PEAD310	310W	12-56VDC	I/II	4" x 7.8" x 2"	0°C to +60°C
PUP330N3	330W	19-24VDC	I	3.9" x 7.9" x 1.2"	0°C to +60°C

AC-DC WALLMOUNT

MEDICAL GRADE POWER SUPPLIES

Our medical wallmount adapters are designed with safety, quality and reliability as priority. Our power supplies incorporate the latest features such as low noise, IP22 ingress protection, small form factors, IEC 60601-1-2 4th Edition EMC and IEC 60601-1-11 home healthcare compliance, 2xMOPP, outputs suitable for BF Rated applied parts and Class I/II inputs to address the clinical and the growing home healthcare markets.



Series	Output Power	Output Voltage	Input Class	Dimension (WxLxH)	Operating Temperature (with Derating)
PEAMW6I	6W	5-12VDC	II	1.4" x 2.2" x 1.3"	0°C to +60°C
PEAMW6NA	6W	5-12VDC	II	0.9" x 2.1" x 1.6"	0°C to +60°C
PEAMW12NA	12W	5-24VDC	II	1.4" x 2.2" x 1.3"	0°C to +60°C
PEAMW12I	12W	5-24VDC	II	0.9" x 2.1" x 1.6"	0°C to +60°C
PEAMW20I	20W	5-48VDC	II	1.5" x 2.2" x 1.3"	0°C to +60°C
PEAMW30I	30W	5-48VDC	II	1.7" x 2.9" x 1.3"	0°C to +60°C

INDUSTRIAL GRADE POWER SUPPLIES

Our industrial wallmount adapters are widely used in applications such as printers, test and measurement instruments, factory automation, industrial controls, and consumer communications/networking devices. Product features include low noise, small form factors, IP22 ingress protection, Level VI and CoC Tier 2 compliance. All certifications are updated to the new IEC 62368-1 standard.



Series	Output Power	Output Voltage	Input Class	Dimension (WxLxH)	Operating Temperature (with Derating)
PEAW6I	6W	5-12VDC	II	1.4" x 2.2" x 1.3"	0°C to +60°C
PEAW6NA	6W	5-12VDC	II	0.9" x 2.1" x 1.6"	0°C to +60°C
PEAW12I	12W	5-24VDC	II	1.4" x 2.2" x 1.3"	0°C to +60°C
PEAW12NA	12W	5-24VDC	II	0.9" x 2.1" x 1.6"	0°C to +60°C
PEAW20NA	20W	5-48VDC	II	1.5" x 2.2" x 1.3"	0°C to +60°C
PEAW30I	30W	5-48VDC	II	1.7" x 2.9" x 1.3"	0°C to +60°C
PEAW36I	36W	5-48VDC	II	1.7" x 2.9" x 1.3"	0°C to +60°C
PSAW36I	36W	5-48VDC	II	1.7" x 2.9" x 1.3"	0°C to +60°C
PSAW36NA	36W	5-48VDC	II	1.7" x 2.9" x 1.3"	0°C to +60°C
PSAW65I	65W	5-48VDC	II	1.7" x 2.9" x 1.3"	0°C to +60°C
T5875DV	13W	5.1V	90-264VAC	1.8" x 2.9" x 1.4"	0°C to +40°C
T5989DV	12.5W	5V	90-264VAC	1.8" x 2.9" x 1.4"	0°C to +40°C
T6090DV	13W	5.1V	90-264VAC	1.8" x 2.9" x 1.4"	0°C to +40°C
T6143DV	13W	5.1V	90-264VAC	1.8" x 2.9" x 1.4"	0°C to +40°C
T6712DV	13W	5.2V	90-264VAC	1.1" x 3.2" x 2.7"	0°C to +40°C
T6717DV	13W	5.2V	90-264VAC	2.4" x 3.2" x 2.7"	0°C to +40°C
T7715DV	15.3W	5.1V	90-264VAC	1.4" x 2.9" x 2.1"	0°C to +40°C

*TXXXXDV Series are official Raspberry Pi PSUs compatible with latest Pi4.

AC-DC ENCLOSED

INDUSTRIAL GRADE POWER SUPPLIES

Our medical power supplies are designed with primary focus on safety, quality and reliability. Our power supplies incorporate the most sought after features such as small footprints, high power density, IEC 60601-1-2 4th Edition EMC and IEC 60601-1-11 home healthcare compliance, 2xMOPP, outputs suitable for BF rated applied parts and Class II inputs to address the clinical and growing home healthcare markets.



Series	Output Power	Output Voltage	Dimension (WxLxH)	Operating Temperature (with Derating)
SRS35	35W	5-48VDC	3.2" x 4" x 1.2"	-30°C to +70°C
SRS50	50W	5-48VDC	3.2" x 4" x 1.2"	-30°C to +70°C
SRS75	75W	5-48VDC	3.8" x 4" x 1.2"	-30°C to +70°C
SRS100	100W	5-48VDC	3.8" x 5.1" x 1.2"	-30°C to +70°C
SRS150	150W	5-48VDC	3.8" x 6.2" x 1.2"	-30°C to +70°C
SRS200	200W	5-48VDC	4.5" x 8.5" x 1.2"	-30°C to +70°C
SRS350	350W	5-48VDC	2.9" x 8.5" x 1.2"	-30°C to +70°C
TAAM700 	700W	12-48VDC	3.7" x 6.7" x 1.6"	0°C to +70°C

AC-DC ENCAPSULATED

INDUSTRIAL & MEDICAL GRADE POWER SUPPLIES

Our selection of high density encapsulated AC/DC converters are perfectly sized for applications where allocated space for the power supply is at a premium. No external forced air is required for operation, which simplifies system design and cooling. Medical or Industrial models are certified to the latest IEC 60601-1 or IEC 62368-1 safety standards, outputs suitable for BF rated applied parts and Class I or II inputs, allows for use in the stringent home healthcare IEC 60601-1-11 products.



Series	Output Power	Output Voltage	Input Class	Dimension (WxLxH)	Operating Temperature (with Derating)
PAA05	5W	3.3-24VDC	II	1.1" x 1.5" x 0.7"	0°C to +70°C
PAA10	10W	5-24VDC	II	1.1" x 1.5" x 0.8"	0°C to +70°C
PAAM15 	15W	5-24VDC	II	1.1" x 2.1" x 0.9"	0°C to +70°C
PAAM20 	20W	12-24VDC	II	1.1" x 2.1" x 0.9"	0°C to +70°C
PAA25	25W	5.1-24VDC	II	1.1" x 2.1" x 0.9"	0°C to +70°C
PAA30B	30W	5.1-24VDC	II	1.8" x 2.5" x 0.9"	0°C to +70°C
PAAM30 	30W	5-24VDC	II	1.8" x 2.5" x 0.9"	0°C to +70°C
PAA50	50W	12-24VDC	II	1.9" x 2.9" x 0.9"	0°C to +70°C
PAAM60 	60W	5.1-24VDC	II	2.5" x 3.5" x 1.1"	0°C to +70°C
PAAM100 	100W	12-48VDC	I/II	2.3" x 4.3" x 1.4"	0°C to +70°C
PAAM150 	150W	12-48VDC	I/II	2.3" x 4.3" x 1.4"	0°C to +70°C

CUSTOMISED POWER SUPPLY SOLUTIONS TO 1200W

We solve our customer's toughest challenges providing high reliability, high efficiency customised power supply solutions up to 1200W. Our engineering experts work with you in the design and NPI process through concept development, specifications, electrical and mechanical design, prototype build, testing, DVT, EMC, safety approvals and certification support.

Our expertise has a strong foundation in all matters of regulatory compliance and market drivers in the medical, dental, instrumentation, security, and renewable energy spaces. We identify and implement tailored technologies and conversion topologies to meet the specific demands of each application.

TT Electronics' global manufacturing solutions augments our engineering competence with the capability to provide full assembly of the finished design with tailored delivery programs, including NPI and engineering support.





Our industrial and medical power supplies business spans a 30-year history with a wealth of product knowledge, industry expertise, engineering know-how and an extensive sales network.

Our market leading power conversion products from 5W to 1.1KW are trusted by OEMs worldwide. Supported by manufacturing solutions, individualised inventory programs and global supply chain management, our customers develop power supplies with confidence and get their products to market on time.

Our Brands include Power Partners, Powerpax, Stontronics and Cable Power. We also represent Protek in our portfolio.

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