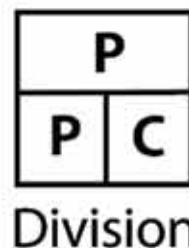


Qualtek

Electronics Corporation



Power Supplies

- AC/DC Switch Mode
- LED Drivers

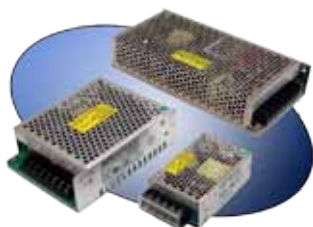


www.Qualtekusa.com



Qualtek offers a wide range of AC/DC, DC/DC converters, and LED power supplies. Qualtek power supplies are available in enclosed frame, open frame, L bracket, U bracket, external desktop, wall mounted, on board module and din rail. Our power supplies are offered in compact designs to comply with safety agency regulations and are available with power factor correction and multiple outputs.

ENCLOSED FRAME SWITCHING POWER SUPPLIES



Features:

- Universal AC input / Full Range (except QPD-150)*
- High Efficiency and High Reliability
- Output Protections: OLP/OVP/SCP
- Wide Operating Ambient Temperature (-25°C ~ 70°C)†
- All using 105°C Long Life Electrolytic Capacitors
- 100% Full Load Burn-In Test

Part Number	Output Power	Input Voltage	# of Outputs	Output Voltage (V)	Power Factor Correction	Dimensions	Approvals
QPD-15	15W	90-264VAC	1	3.3, 5, 12, 15, 24	-	79 x 51 x 28.8	CE CB RoHS
QPD-25	25W	90-264VAC	1	3.3, 5, 12, 15, 24	-	79 x 51 x 28.8	CE CB RoHS
QPD-35	35W	90-264VAC	1	5, 12, 15, 24, 48	-	101.6 x 63.5 x 33	CE CB RoHS
QPD-50	50W	90-264VAC	1	5, 12, 15, 24, 48	-	99 x 82 x 35	CE CB RoHS
QPD-60	60W	88-264VAC	1	5, 12, 15, 24, 48	-	129 x 98 x 38	CE RoHS
QPD-75	75W	90-264VAC	1	5, 12, 15, 24, 48	-	129 x 99 x 38	CE CB RoHS
QPD-100	100W	90-264VAC	1	5, 12, 15, 24, 48	-	160 x 98 x 38	CE
QPD-150	150W	88-264VAC	1	5, 12, 15, 24, 48	-	199 x 98 x 38	CE RoHS

* QPD-150 AC Input Selectable by Switch (115VAC/230VAC)

† QPD-60, QPD-100, QPD-150 Operating Ambient Temperature (-20°C ~ 70°C)

• Conformal coating available (QPD-15, QPD-25, QPD-35, QPD-50, QPD-75 standard with conformal coating)

POWER FACTOR CORRECTION



Features:

- Universal AC input / Full Range
- Built-In Active PFC Function, PF>0.93
- High Efficiency and High Reliability
- Output Protections: OLP/OVP/SCP
- Wide Operating Ambient Temperature (-10°C ~ 60°C)*
- All using 105°C Long Life Electrolytic Capacitors
- 100% Full Load Burn-In Test

Part Number	Output Power	Input Voltage	# of Outputs	Output Voltage (V)	Power Factor Correction	Dimensions	Approvals
QPDF-100	100W	90-264VAC	1	5, 12, 15, 24, 36, 48	✓	194 x 99 x 50	CE CB RoHS
QPDF-150	150W	85-264VAC	1	5, 12, 15, 24, 36, 48	✓	194 x 99 x 50	CE CB RoHS
QGKF-200	200W	85-264VAC	1	5, 12, 24, 48	✓	199 x 99 x 50	CE CB RoHS
QGKF-240	240W	85-264VAC	1	5, 12, 24, 48	✓	199 x 99 x 50	CE CB RoHS
QGKF-320	320W	85-264VAC	1	5, 12, 24, 48	✓	199 x 99 x 50	CE CB RoHS
QPDF-320	320W	85-264VAC	1	3.3, 4, 5, 7.5, 12, 24, 28, 36, 48	✓	226.5 x 115 x 50	CE CB RoHS
QPDF-480	480W	90-264VAC	1	12, 24, 36, 48	✓	218 x 116.5 x 41	CE CB RoHS
QGPF-U500S	500W	90-264VAC	1	12, 15, 24, 27.5, 48	✓	170 x 117 x 94	CE
QPDF-600	600W	90-264VAC	1	12, 24, 36, 48	✓	218 x 116.5 x 41	CE CB RoHS
QPDF-800	800W	90-264VAC	1	24, 48	✓	226 x 116.5 x 41	CE CB RoHS

* QPDF-150, QGKF-200, QGKF-240, QGKF-320 Operating Ambient Temperature (-25°C ~ 70°C)

* QPDF-320 Operating Ambient Temperature (-20°C ~ 65°C)

* QPDF-480, QPDF-600, QPDF-800 Operating Ambient Temperature (-30°C ~ 70°C)

• Conformal coating available (QGKF-200, QGKF-240, QGKF-320, QPDF-320 standard with conformal coating)


Features:

- Universal AC input / Full Range
- High Efficiency and High Reliability
- Output Protections: OLP/OVP/SCP
- Wide Operating Ambient Temperature (-20°C ~ 60°C) (Except QPS-60)*
- All using 105°C Long Life Electrolytic Capacitors
- 100% Full Load Burn-In Test

Part Number	Output Power	Input Voltage	# of Outputs	Output Voltage (V)	Power Factor Correction	Dimensions	Approvals
QPS-20	20W	90-264VAC	1	3.3, 5, 12, 15, 24, 48	-	89 x 51 x 20	CE CB RoHS
QPS-60	60W	90-264VAC	1	5, 12, 15, 24, 48	-	101.6 x 50.8 x 30	CE CB RoHS
QPSF-125	125W	90-264VAC	1	5, 12, 15, 24, 48	✓	127 x 76 x 30.5	CE CB RoHS

* QPS-60 Operating Ambient Temperature (-25°C ~ 70°C)

• Conformal coating available

CONSTANT CURRENT LED DRIVERS

Features:

- Universal Input / Full Range
- High Efficiency and High Reliability
- Built-in Active PFC
- Output Protections: OLP/OVP/SCP
- Waterproof
- Available with Dimming Control *
- Constant Output Current

Part Number	Output Power	Input Voltage	Output Current (A)	Typical Efficiency	Dimensions	Approvals
PLC-025Sxxx*	25 W	90-305VAC	.35, .45, .62, .70, 1.05, 1.40, 1.75, 2.08	85%	80 x 78 x 25	RoHS
PLC-035Sxxx*	35 W	90-305VAC	.35, .45, .70, 1.05, 1.40, 1.75, 2.10, 2.45, 2.90	88%	199 x 42.5 x 34	RoHS CB
PLC-040Sxxx*	40 W	90-305VAC	.35, .45, .70, 1.05, 1.28, 1.40, 1.66, 2.22, 3.33	88%	95 x 70 x 32	RoHS
PLC-050Sxxx*	50 W	90-305VAC	.35, .45, .70, 1.10, 1.40, 1.75, 2.10, 2.80, 3.33, 4.20	88%	199 x 42.5 x 34	RoHS
PLC-075Sxxx	75 W	90-305VAC	.35, .45, .70, 1.05, 1.40, 2.10, 2.80, 3.75, 5.00	92%	185.5 x 67.5 x 37	RoHS CB
PLC-100Sxxx	100 W	90-305VAC	.35, .45, .70, 1.05, 1.40, 1.75, 2.10, 2.45, 2.80, 3.15, 3.57, 4.20	92%	220.5 x 67.5 x 37	RoHS CB
PLC-150Sxxx	150 W	90-305VAC	.35, .45, .70, 1.05, 1.40, 1.75, 2.10, 2.45, 2.80, 3.15, 3.50, 4.20, 4.90, 5.95	92%	266.4 x 79.5 x 46	RoHS CB
PLC-200Sxxx	200 W	90-305VAC	.70, 1.05, 1.40, 1.75, 2.10, 2.45, 2.80, 3.15, 3.50, 4.20, 4.90, 5.60, 6.30, 8.33	92%	266.4 x 79.5 x 46	RoHS

* Available with dimming control. To order LED driver with dimming control, add a D to end of part number (Ex: PLC-025S070D).

CONSTANT VOLTAGE LED DRIVERS

Features:

- Universal Input / Full Range
- High Efficiency and High Reliability
- Built-in Active PFC
- Output Protections: OLP/OVP/SCP
- Waterproof
- Constant Output Voltage

Part Number	Output Power	Input Voltage	Output Voltage (V)	Typical Efficiency	Dimensions	Approvals
PLV-025Sxxx	25 W	90-305VAC	12, 18, 24, 36, 48	84%	80 x 78 x 27	RoHS
PLV-035Sxxx	35 W	90-305VAC	12, 18, 24, 36, 48	87%	199 x 42.5 x 34	RoHS
PLV-040Sxxx	40 W	90-305VAC	12, 18, 24, 36, 48	86%	95 x 70 x 32	RoHS
PLV-050Sxxx	50 W	90-305VAC	12, 18, 24, 36, 48	87%	199 x 42.5 x 34	RoHS
PLV-075Sxxx	75 W	90-305VAC	12, 24, 36, 42, 48, 54, 81, 105	93%	210.5 x 67.5 x 37	RoHS
PLV-100Sxxx	100 W	90-305VAC	12, 24, 36, 42, 48, 54, 81, 105	93%	210.5 x 67.5 x 37	RoHS
PLV-150Sxxx	150 W	90-305VAC	12, 24, 36, 40, 42, 48, 50, 52, 54, 56, 81, 105	94%	225 x 67.5 x 40	RoHS
PLV-200Sxxx	200 W	90-305VAC	12, 24, 36, 42, 48, 50, 52, 54, 81, 105	93%	225 x 67.5 x 40	RoHS
PLV-300Sxxx	300 W	90-305VAC	12, 24, 36, 42, 48, 52, 54, 56, 60, 84, 105, 150	94%	260 x 101 x 46.3	RoHS

PRODUCT PROFILE

FAN-S DIVISION



AC & DC Fans and Accessories

Low cost, high tech AC & DC axial fans with sizes ranging from 25mm - 280 mm, DC voltages from 3.3VDC - 60VDC and AC voltages from 115VAC - 230VAC and many special features such as IP55 and IP67 rated, speed sensors, alarm functions and much more upon request. Each fan is offered with a variety of bearing types : 2-ball, 1-ball 1-sleeve, sleeve only, and our newly developed hydro dynamic bearing with better performance than sleeve and lower cost than 2 ball bearings. Every fan is available with a wide range of speeds from ultra low to super high speed.

Our fan accessories are famous worldwide and consist of wire form and plastic guards, plastic air filters, aluminum and stainless steel air filters, fan cords, and our patented noise reduction vibration sleeves.

PRIMARY POWER COMPONENTS DIVISION



AC Receptacles

A complete line of inlets, outlets, multifunction modules with major international approval marks thus assuring high safety standards and help customers comply with international regulations. Modern production methods enable us to manufacture cost-effective and reliable components. A full range of products are maintained in inventory for quick on-time deliveries. Custom designs are available upon request.

Circuit Breakers

QLB and QMB series are compact and cost effective thermal circuit breakers with a wide range of amp ratings from 3A - 40A and offered in single pole and push-to-reset with safety agency certifications. We offer a large variety of bushing types, terminals, name plates, button colors and printing with custom configurations available.

EMI Filters

EMI/RFI power line filters are designed to meet most international safety agency requirements. These filters help customers meet FCC and VDE emission standards. Our line consists of many standard configurations such as block type, filter with power line connector, and various filters with multifunctional modules. Custom designs are available upon request.

Power Cords

A large selection of North American and International Power Cords that have been designed to comply with North American and international safety agency regulations to insure safe and reliable products. Offered in a wide selection of plugs and connectors available in various cable insulations, voltage ratings, colors, lengths, shielding and a full range of hospital grade certified power cords. Custom configurations and strain reliefs are available upon request.

Power Supplies

A full range of low cost, high reliability and energy saving switch mode AC/DC power supplies consisting of enclosed, open frame models and waterproof LED drivers; our enclosed versions are rated from 15W - 600W, open frame from 20W - 125W and LED drivers with constant current 25W - 200W and constant voltage 25W - 300W. All models have universal voltage input and a variety of output voltages ranging from 3.3V - 445V and some models include power factor correction to increase efficiency and reduce power losses. All of our power supplies meet or exceed the RoHS EU and the Chinese directives and are certified with worldwide safety agencies to ensure a safe and reliable product.

WIRE MANAGEMENT, CABLE ASSEMBLIES & INTERCONNECT DIVISION



Cable Assemblies

We offer a wide selection of standard and custom cable assemblies, specializing in DVI, HDMI, USB and Fiber Optic and also producing flat ribbon cables, monitor cables, networking cables and an extensive offering of custom cable assemblies and wire harnesses.

Cable Ties & Accessories

Our low cost, high reliability cable nylon ties are available in a variety of styles including miniature, intermediate, standard and heavy duty. Specialty cable ties include releasable pawl type, stainless steel ball lock, head mount, push mount, marker ties, double loop, beaded and 4-way cable tie mounts. Cable ties are available in various material types including ultraviolet, heat stabilized, fire retardant and also are available in a range of colors. Custom designs and colors available upon request.

Heat Shrink Products

Heat shrinkable products include thin wall, medium and heavy wall, adhesive lined, medium and high voltage insulation, molded parts and end caps, cold shrink, wide range of shrink tubing kits and heat shrinkable cable and wire identification tubing.

INTERNATIONAL PROCUREMENT SERVICES DIVISION



Procurement Services

With over 30 years of global business experience, Qualtek's IPS division provides a complete range of services from component sourcing to complete turnkey projects. With our extensive knowledge of the major global manufacturing regions, this enables us to have access to the newest technology, highest quality, and the most cost effective production methods.

Qualtek Electronics Corporation

7610 Jenther Dr. * Mentor, Ohio 44060 * USA
Telephone: 1-440-951-3300 * Fax: 1-440-951-7252
E-mail: mailbox@qualtekusa.com
Web: www.Qualtekusa.com

