

Delta Power Supplies

The World's Leading Power Solutions



Industrial DIN Rail Power Supplies

- ▶ LYTE II series
- ▶ FORCE-GT series
- ▶ CHROME II series
- ▶ DC-UPS series
- ▶ REDUNDANCY series

MECHTRIC





DIN-mount power supplies



DRL-48V240W1EN

DRL-24V120W1EN



DRF-24V120W1GBA



DRF-24V480W3GBA



Industrial Power Supplies

Delta, the world's leading power supply manufacturer, delivers cutting-edge solutions engineered for the most demanding industrial environments. Built with rugged, compact enclosures, Delta power supplies are designed to withstand harsh conditions while maintaining consistent performance.

With industry-leading efficiency levels, they reduce energy consumption and heat generation, ensuring both cost savings and extended system life

Product features:

- DIN-rail mounting (*RoHS compliant*)
- Wide input voltage range covering 85 - 264 VAC (1-phase) & 320 - 575 VAC (3-phase) models
- Provides overload, overvoltage and thermal protection
- Power boost - (*enables reserve power for reliable start-up of loads with high inrush currents*)
- Conforms to harmonic current IEC/EN 61000-3-2, Class A
- Certifications: UL508, IEC/EN 62368-1, cULus, EN 60204, GS, CCS Aus

type	input voltage	output voltage (adj)	rated load		housing	dimensions (mm)		
			(W)	(A)		(H)	(W)	(D)

LYTE II series DIN-rail mounting, ultra slim power supplies for general applications.

- Universal input range: 85...264 VAC
- Efficiency: Up to 90% (at 230 VAC)
- Operating temperature: -20°C to +70°C
- Includes built-in constant current circuit for reactive loads

Single-phase 85~264 VAC 24 VDC output

DRL-12V75W1AZ	85 - 264 VAC	12 VDC	75	6.3	plastic	124	27	102
DRL-12V120W1EN	85 - 264 VAC	12 VDC	120	10.0	aluminium	124	30	117
DRL-12V240W1EN	85 - 264 VAC	12 VDC	240	20.0	aluminium	124	40	117
DRL-24V75W1AZ	85 - 264 VAC	24 VDC	75	3.1	plastic	124	27	102
DRL-24V120W1EN	85 - 264 VAC	24 VDC	120	5.0	aluminium	124	30	117
DRL-24V240W1EN	85 - 264 VAC	24 VDC	240	10.0	aluminium	124	40	117
DRL-24V480W1EN	85 - 264 VAC	24 VDC	480	20.0	aluminium	124	56	117
DRL-48V75W1AZ	85 - 264 VAC	48 VDC	75	1.6	plastic	124	27	102
DRL-48V120W1EN	85 - 264 VAC	48 VDC	120	2.5	aluminium	124	30	117
DRL-48V240W1EN	85 - 264 VAC	48 VDC	240	5.0	aluminium	124	40	117

CLiQ II series DIN rail mounting, high specification series

- High efficiency - up to 92.0% at 230 VAC
- Power Boost of 150% for 5 seconds (480W: 200% for 2 seconds)

Single-phase 85 - 264 VAC 24 VDC output

DRP024V060W1BA	85 - 264 VAC	24 VDC (adj)	60	2.5	aluminium	121	32	125
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Three-phase Input voltage range: 3 × 320 - 600 VAC / 450 - 800 VDC

DRP024V060W3BN	320 - 600 VAC	24 VDC	60	2.5	aluminium	121	50	118
DRP024V120W3BN	320 - 600 VAC	24 VDC	120	5.0	aluminium	121	50	118
DRP024V240W3BN	320 - 600 VAC	24 VDC	240	10.0	aluminium	121	70	118
DRP024V480W3BN	320 - 600 VAC	24 VDC	480	20.0	aluminium	121	140	118
DRP024V960W3BN	320 - 600 VAC	24 VDC	960	40.0	aluminium	121	255	118

FORCE-GT series DIN-rail mounting, high specification series power supplies

- High efficiency: Up to 95% (at 230 VAC)
- Operating temp: -30°C to +70°C
- Ultra-Slim design
- Includes built-in "DC OK" relay and LED indicator
- Full-load operating temperature up to 60°C
- Includes built-in constant current circuit for charging applications
- Conformal coating on PCBAs protect against chemical and dust pollutants

Single-phase Input voltage range: 90 - 264 VAC

DRF-12V120W1GBA	85 - 264 VAC	12 VDC	120	10.0	aluminium	124	30	117
DRF-24V120W1GBA	85 - 264 VAC	24 VDC	120	5.0	aluminium	124	30	117
DRF-24V240W1GBA	85 - 264 VAC	24 VDC	240	10.0	aluminium	124	40	117
DRF-24V480W1GBA	85 - 264 VAC	24 VDC	480	20.0	aluminium	124	56	117

Three-phase Input voltage range: 3 × 320 - 575 VAC

DRF-24V120W3GBA	320 - 575 VAC	24 VDC	120	5.0	aluminium	124	38	126
DRF-24V240W3GBA	320 - 575 VAC	24 VDC	240	10.0	aluminium	124	50	126
DRF-24V480W3GBA	320 - 575 VAC	24 VDC	480	20.0	aluminium	124	65	128
DRF-24V960W3GBA	320 - 575 VAC	24 VDC	960	40.0	aluminium	124	110	128



DRC-24V100W1RZ



DRR-20N



DRU-24V40ABN

CHROME II series

The Chrome II series is designed for compact industrial and household applications.

- Safety approval: IEC/EN/UL 60950-1 (*ITE standard*) and UL 508 (*industrial standard*)
- Household appliance approval: IEC/EN 60335-1, IEC/EN 61558-1/-2-16

type	input voltage	output voltage (adj)	rated load		housing	dimensions (mm)		
			(W)	(A)		(H)	(W)	(D)

CHROME II series DIN-rail mounting, modular, Class II

Single-phase	Input voltage range: 85 - 264 VAC							
DRC-05V015W1RZ	85 - 264 VAC	5 VDC (adj)	12	2.40	plastic	87	18	55
DRC-05V030W1RZ	85 - 264 VAC	5 VDC (adj)	15	3.0	plastic	87	35	55
DRC-12V015W1RZ	85 - 264 VAC	12 VDC (adj)	15	1.25	plastic	87	18	55
DRC-12V030W1RZ	85 - 264 VAC	12 VDC (adj)	24	2.00	plastic	91	53	56
DRC-12V060W1RZ	85 - 264 VAC	12 VDC (adj)	54	4.50	plastic	91	71	56
DRC-12V100W1RZ	85 - 264 VAC	12 VDC (adj)	85.2	7.1	plastic	87	70	55
DRC-24V010W1RZ	85 - 264 VAC	24 VDC (adj)	36	0.42	plastic	87	18	55
DRC-24V015W1RZ	85 - 264 VAC	24 VDC (adj)	15	0.63	plastic	87	18	55
DRC-24V030W1RZ	85 - 264 VAC	24 VDC (adj)	36	1.5	plastic	87	35	55
DRC-24V060W1RZ	85 - 264 VAC	24 VDC (adj)	60	2.50	plastic	87	53	55
DRC-24V100W1RZ	85 - 264 VAC	24 VDC (adj)	91.2	3.83	plastic	87	70	55
DRC-48V060W1RZ	85 - 264 VAC	48 VDC (adj)	60	1.25	plastic	87	53	55
DRC-48V100W1RZ	85 - 264 VAC	48 VDC (adj)	92.1	1.92	plastic	87	70	55

Complementary modules - DIN-rail mounting

Redundancy modules provide additional protection against potential failure of the 24 VDC supply. Two power supplies are decoupled via a redundancy module which continually monitors the feeding power supply units and when one unit fails, automatically switches to the other.

- Includes built-in 2 channel DC OK signal and alarm relay contact

Redundancy module	built-in 2 channel DC OK signal and alarm relay contact							
DRR-20N	22 - 60 VDC	22 - 60 VDC	—	20A	aluminium	121	50	122
DRR-40N	22 - 60 VDC	22 - 60 VDC	—	40A	aluminium	121	50	122

Buffer module	for protection against short power failures							
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Allows a system to continue operating during power disruptions lasting from milliseconds to seconds.

- Buffering time 250ms to 10s (*depending on load current*)
- Supports parallel connection to extended buffering time

DRB-24V020ABN	23 - 28.8 VDC	24 VDC	—	20A	aluminium	121	50	120
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DC - UPS solutions

- **Zero switchover** time from loss of DC input to battery operation
- Built-in diagnostic monitoring for DC OK, discharge and battery fail by relay contacts
- LED indicator: DC OK, Battery Charging, Battery Discharging, Battery Fail and Battery Reverse Polarity

Modular DC - UPS module (without battery)	suitable for 24V system up to 40A							
DRU-24V40ABN	DC-UPS	23 - 28 VDC	960	40A	aluminium	121	50	118

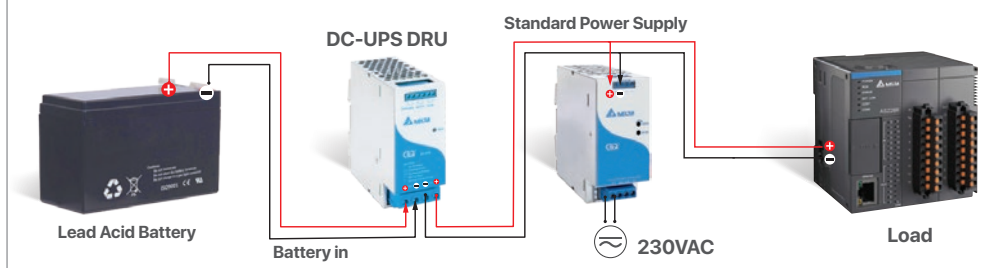
Modular DC - UPS module

DC-UPS module in a modular DIN-rail mounting format, occupy the same profile as standard miniature circuit breakers (MCBs), suited for mounting into distribution boards with a 45 mm frontal cutout.

DRU-24V10ACZ	DC-UPS	23 - 28 VDC	240	10A	plastic	91	71	56
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Delta 24V DC power supply - Backup solution

- The Delta DRU UPS seamlessly integrates with a 24V DC power supply setup to ensure continuous operation during AC source interruptions or failures.





MECHTRIC

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