



Industrial Power Supplies

PMT2 Panel Mount Power Supply

LYTE DIN Rail Power Supply



About Delta

Delta, founded in 1971, is a global leader in switching power supplies and thermal management automation, building automation, telecom power, data center infrastructure, EV charging, renewable energy, energy storage and display, to nurture the development of smart manufacturing and sustainable cities. As a world-class corporate citizen guided by its mission statement, "To provide innovative, clean power electronics and its ESG-embedded business model to address key environmental issues, such as spread over close to 200 locations across 5 continents.

Throughout its history, Delta has received various global awards and recognition for its business achievements, innovative technologies and dedication to ESG. Since 2011, Delta has been listed on the DJSI World Index of Dow Jones Sustainability™ Indices for 11 consecutive years. In 2021, Delta was also recognized by CDP with leadership level ratings for its substantial contribution to climate change and water security issues and named Supplier Engagement Leader for its continuous development of a sustainable value chain.

For detailed information about Delta, please visit: www.deltaww.com

Business Categories



Power Electronics

- Components
- Power and System
- Fan & Thermal Management
- Automotive Electronics
- **Innertie**



Automation

- Industrial Automation
- Building Automation



Infrastructure

- ICT Infrastructure
- Energy Infrastructure & Industrial Solutions
- **vivitek**
Vivid Color. Vivid Life.

About Power and System Business Group (PSBG)

- World's leading provider of power products and solutions
- Started mass production of switching power supplies in 1983



Power Conversion



Smart Drive & Control



Battery Charger



Green Energy

Power to a Smart Future with High Energy Efficiency

PSBG offers cutting-edge power products and system to innovate cloud computing, network connectivity, client devices, industrial and medical industry, lighting, appliances, and e-mobility with global customers.



Delta Industrial Power Supplies

With more than 40 years of design and manufacturing experience, Delta's power supply products have been the first choice of top names of information, Netcom and consumer electronics equipment manufacturers for decades. To serve wider range of customers with world leading power electronics technology and manufacturing capability, we also provide industrial and medical-grade power supplies to fulfill the needs in factory automation, machine automation, process automation, test and measurement, building automation, household appliances, LED lighting, medical equipment, and renewable power, maintaining Delta's consistent high-quality, high-stability, and high-performance. Close to the pulse of the market, Delta will continue to introduce new products to power the industrial and medical applications.



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| Product Introduction

Delta provides a wide selection of standard power supplies for industrial and medical applications. The PMT2 Series of panel mount power supply and LYTE series of DIN rail power supplies have received a number of safety certifications, demonstrating the high-quality standards that Delta holds itself to. With their unique features, these power supplies are ideal for high-requiring applications.



Panel Mount Power Supply PMT2 Series

12 V / 15 V / 24 V / 30 V / 36 V / 48 V Single outputs
5 V / 12 V & 5 V / 24 V Dual outputs

Delta's PMT2 power supply series has multiple output voltage and current configurations in the 35-350 W range, enabling them to fulfill a broad range of applications. The PMT2 series complies with standards for household appliances and Overvoltage Category III, and its cold-start feature and low no-load power consumption make it an industry leader.



DIN Rail Power Supply LYTE Series

12 V / 24 V / 48 V outputs

Delta has launched the latest 75 W / 120 W / 240 W / 480 W model in the LYTE series. This model is 30% smaller, saving considerably on space and utility costs. Being able to start at -40°C and operate between -30°C and +70°C makes it particularly suitable for operation in harsh environments. Mainstream safety certification and compliance with SEMI F47 also makes it suitable for industrial and semiconductor equipment.

| Application Fields

Panel mount power supply PMT2 series and DIN rail power supply LYTE series focus on six application fields: industrial automation, machine automation, process automation, test manufacturing, building automation and household appliances.



Industrial Automation

- Packing machines
- Automatic storage warehouses
- Conveyor systems



Machine Automation

- Robotic arms
- Machine tools



Process Automation

- Petrochemical plants
- Wastewater treatment
- Oil refineries



Test & Measurement

- ATE system
- Measurement solutions
- Electronic equipment



Building Automation

- Elevators / escalators
- Monitoring systems
- HVAC systems



Household Appliances

- Coffee machines
- Dish washers / dish dryers
- Water filters

Panel Mount Power Supplies



PMT2 Power Supply

12 V / 15 V / 24 V / 30 V / 36 V / 48 V outputs
5 V / 12 V & 5 V / 24 V Dual outputs



Household appliance approvals: IEC/EN 60335-1, IEC/EN 61558-1 and IEC/EN 61558-2-16*

The PMT2 series complies fully with major safety standards, ensuring comprehensive protection for users and the environment.



Overvoltage Category III*

Certification under Overvoltage Category III ensures protection for equipment in fixed installations for industrial use with a permanent connection.



Cold Start at -40°C

PMT2 series power supplies can withstand temperatures down to -40°C, meaning they can start in extremely harsh environments. The ability to overcome external factors makes these power supplies suitable for outdoor applications at high altitudes.



Mean Time Between Failure > 700,000 hours

A mean time between failure (MTBF) of over 700,000 hours complies with the Telcordia SR-332 Standard, which saves on replacement costs.



No Load Power Consumption

The PMT2 series features low no load power consumption to reduce energy consumption.



Universal AC Input Voltage Range**

The universal AC input voltage range feature makes PMT2 power supplies useful for a variety of applications.



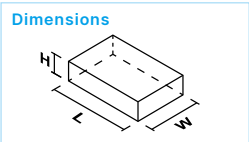
Low-Profile Design (Height: 30 mm)

The compact design of this series of power supplies means they can be used in locations where space is limited.

* Not including 350 W ** Support specific model, please learn details from Datasheet

Specifications

MODEL NAME	PMT-D1V75W2□A	PMT-D2V75W2□A
OUTPUT RATINGS		
Output Voltage	V1: 5 V, V2: 12 V	V1: 5 V, V2: 24 V
Output Voltage Range	V1: Fixed, V2: 10.8-13.2 V	V1: Fixed , V2: 21.6-26.4 V
Output Current	V1: 5 A, V2: 4 A	V1: 5 A, V2: 2.1 A
Output Power (Max.)	73 W	75.4 W
Line Regulation	< 0.5% typ. @ 115 V _{AC} & 230 V _{AC} AC input	
Load Regulation	V1: <1.5% typ. V2: <0.5% typ. @ 115 V _{AC} & 230 V _{AC} AC input	
PARD (20 MHz)	V1: <100 mVpp, V2: <120 mVpp @ 0°C to 70°C, V1: <300 mVpp, V2: <360 mVpp typ. @ -30°C to 0°C	V1: <100 mVpp, V2: <150 mVpp @ 0°C to 70°C, V1: <300 mVpp, V2: <450 mVpp typ. @ -30°C to 0°C
Hold-up Time	10 ms typ. @115 V _{AC} , 50 ms typ. @ 230 V _{AC}	
INPUT RATINGS		
Phase Input	Single Phase	
Input Voltage Range	90-264 V _{AC}	
Input Frequency	47-63 Hz	
Input Current	1.4 A typ. @ 115 V _{AC} 0.85 A typ. @ 230 V _{AC}	
Efficiency ¹⁾	83.0% typ. @ 230 V _{AC}	85.0% typ. @ 230 V _{AC}
Max Inrush Current (Cold Start)	55 A typ. @ 230 V _{AC}	
Harmonic Current	Conform to IEC/EN 61000-3-2, class A	
Leakage Current (240 V _{AC})	< 0.5 mA	
MECHANICAL		
Case Cover /Chassis	Metal Case	
Dimensions (L × W × H)	129 × 97 × 30 mm (5.08 x 3.82 x 1.18 inch)	
Unit Weight	0.276 kg (0.61lb)	
Cooling System	Convection	
MTBF ²⁾	> 700,000 hrs	
ENVIRONMENT		
Operating Temperature	-30°C to 70°C (-40°C Cold Start)	
Storage Temperature	-40°C to 85°C	
Power De-rating	> 40°C de-rate power by 1.67% / °C, < 100 V _{AC} de-rate power by 1.33% / V	
Operating Humidity	20 to 90% RH (Non-Condensing)	
Operating Altitude	0 to 5,000 m (0 to 16,400 ft)	



Notes
1) At 25°C ambient temperature by horizontal mounting orientation.
2) MTBF as per Telcordia SR-332 (Confidence level: 90%, I/P: 230 V_{AC}, O/P: 100% load).
3) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

MODEL NAME	PMT-12V150W2CA□	PMT-24V150W2CA□	PMT-12V200W2B□□	PMT-24V200W2B□□
OUTPUT RATINGS				
Output Voltage	12 V	24 V	12 V	24 V
Output Voltage Range	10.8-13.2 V	21.6-26.4 V	10.8-13.2 V	21.6-26.4 V
Output Current	12.5 A	6.5 A	17 A	8.8 A
Output Power (Max.)	150 W	156 W	204 W	211.2 W
Line Regulation	< 0.5% typ. @ 115 V _{AC} & 230 V _{AC} AC input		< 0.5% typ. @ 100-132 V _{AC} , 180-264 V _{AC} (Selected by Switch)	
Load Regulation	< 0.5% typ. @ 115 V _{AC} & 230 V _{AC} AC input		PMT-12V200W2B□□ <1% typ. PMT-24V200W2B□□ < 0.5% typ. @ 100-132 V _{AC} , 180-264 V _{AC} (Selected by Switch)	
PARD (20 MHz)	< 150 mVpp @ 0°C to 70°C, < 450 mVpp typ. @ -30°C to 70°C	< 200 mVpp @ 0°C to 70°C, < 600 mVpp typ. @ -30°C to 70°C	< 150 mVpp @ 0°C to 70°C, < 450 mVpp typ. -30°C to 0°C	
Hold-up Time	12 ms typ. @ 115 V _{AC} , 55 ms typ. @ 230 V _{AC}		30 ms typ. @ 115 V _{AC} & 230 V _{AC}	
INPUT RATINGS				
Phase Input	Single Phase			
Input Voltage Range	90-264 V _{AC}		90-132 V _{AC} , 180-264 V _{AC} (Selected by Switch)	
Input Frequency	47-63 Hz			
Input Current	3 A typ. @ 115 V _{AC} , 1.7 A typ. @ 230 V _{AC}		4 A typ. @ 115 V _{AC} , 2.2 A typ. @ 230 V _{AC}	
Efficiency ¹⁾	88.0% typ. @ 230 V _{AC}	90.0% typ. @ 230 V _{AC}	88.5% typ. @ 230 V _{AC}	90.0% typ. @ 230 V _{AC}
Max Inrush Current (Cold Start)	60 A typ. @ 230 V _{AC}			
Harmonic Current	Conform to IEC/EN 61000-3-2, class A		Conform to IEC/EN 61000-3-2, class A (Only PMT-□V200W2BR□)	
Leakage Current (240 V _{AC})	< 0.5 mA			
MECHANICAL				
Case Cover / Chassis	Metal Case			
Dimensions (L × W × H)	159 × 97 × 30 mm (6.26 x 3.82 x 1.18 inch)			
Unit Weight	0.392 kg (0.86 lb)		0.42 kg (0.92 lb)	
Cooling System	Convection			
MTBF ²⁾	> 700,000 hrs			
ENVIRONMENT				
Operating Temperature	-30°C to 70°C (-40°C Cold Start)			
Storage Temperature	-40°C to 85°C			
Power De-rating	> 50°C de-rate power by 2% / °C, < 100 V _{AC} de-rate power by 1.33% / V		> 50°C de-rate power by 2% / °C, < 100 V _{AC} de-rate power by 2% / V	
Operating Humidity	20 to 90% RH (Non-Condensing)			
Operating Altitude	0 to 5,000 m (0 to 16,400 ft)			

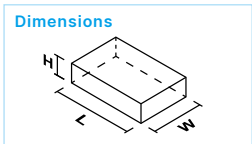
Specifications

MODEL NAME	PMT-12V35W2BA□	PMT-12V50W2BA□	PMT-12V75W2BA□	PMT-12V100W2BA□	PMT-12V150W2BA□	PMT-12V350W2B□□
OUTPUT RATINGS						
Output Voltage	12 V	12 V	12 V	12 V	12 V	12 V
Output Voltage Range	10.8-13.2 V	10.8-13.2 V	10.8-13.2 V	10.8-13.2 V	10.8-13.2 V	10.8-13.2 V
Output Current	3 A	4.2 A	6 A	8.5 A	12.5 A	29 A, 43.5 A/1S*
Output Power (Max.)	36 W	50.4 W	72 W	102 W	150 W	348 W, 522 W/1S*
Line Regulation	PMT-12V35W2BA□, PMT-12V50W2BA□, PMT-12V75W2BA□, PMT-12V100W2BA□ < 0.5% typ. @ 115 V _{AC} & 230 V _{AC} (AC input), PMT-12V150W2BA□, PMT-12V350W2B□□ < 0.5% typ. @ 100-132 V _{AC} , 180-264 V _{AC} (Selectable by switch)					
Load Regulation	PMT-12V35W2BA□, PMT-12V50W2BA□, PMT-12V75W2BA□, PMT-12V100W2BA□ < 0.5% typ. @ 115 V _{AC} & 230 V _{AC} (AC input), PMT-12V150W2BA□ < 0.5% typ. @ 100-132 V _{AC} , 180-264 V _{AC} (Selectable by switch), PMT-12V350W2B□□ < 1% @ 100-132 V _{AC} , 180-264 V _{AC} (Selectable by switch)					
PARD (20 MHz)	< 120 mVpp @ 0°C to 70°C 360 mVpp typ. @ -30°C to 0°C				< 150 mVpp @ 0°C to 70°C 450 mVpp typ. @ -30°C to 0°C	
Hold-up Time	16 ms typ. @115 V _{AC} , 70 ms typ. @ 230 V _{AC}	12 ms typ. @115 V _{AC} , 60 ms typ. @ 230 V _{AC}	11 ms typ. @115 V _{AC} , 52 ms typ. @ 230 V _{AC}	9 ms typ. @ 115 V _{AC} , 42 ms typ. @ 230 V _{AC}	30 ms typ. @ 115 V _{AC} & 230 V _{AC}	20 ms typ. @ 115 V _{AC} & 230 V _{AC}
INPUT RATINGS						
Phase Input	Single Phase					
Input Voltage Range	90-264 V _{AC}				90-132 V _{AC} , 180-264 V _{AC} (Selectable by Switch)	
Input Frequency	47-63 Hz					
Input Current	0.7 A typ. @ 115 V _{AC} , 0.42 A typ. @ 230 V _{AC}	0.95 A typ. @ 115 V _{AC} , 0.6 A typ. @ 230 V _{AC}	1.4 A typ. @ 115 V _{AC} , 0.85 A typ. @ 230 V _{AC}	1.9 A typ. @ 115 V _{AC} , 1.2 A typ. @ 230 V _{AC}	3 A typ. @ 115 V _{AC} , 1.7 A typ. @ 230 V _{AC}	6 A typ. @ 115 V _{AC} , 3.4 A typ. @ 230 V _{AC}
Efficiency ¹⁾	86.0% typ. @ 230 V _{AC}	85.0% typ. @ 230 V _{AC}	87.0% typ. @ 230 V _{AC}	87.5% typ. @ 230 V _{AC}	87.5 % typ. @ 230 V _{AC}	84.5 % typ. @ 230 V _{AC}
Max Inrush Current (Cold Start)	45 A typ. @ 230 V _{AC}	45 A typ. @ 230 V _{AC}	55 A typ. @ 230 V _{AC}	55 A typ. @ 230 V _{AC}	60 A typ. @ 230 V _{AC}	60 A typ. @ 230 V _{AC}
Harmonic Current	Conform to IEC/EN 61000-3-2, class A					NA
Leakage Current (240 V _{AC})	<0.5 mA					<0.75 mA
MECHANICAL						
Case Cover / Chassis	Metal Case					
Dimensions (L × W × H)	99 × 82 × 29 mm (3.90 x 3.23 x 1.18 inch)	99 × 82 × 29 mm (3.90 x 3.23 x 1.18 inch)	99 x 97 x 30 mm (3.90 x 3.82 x 1.18 inch)	129 × 97 × 30 mm (5.08 x 3.82 x 1.18 inch)	159 × 97 × 30 mm (6.26 x 3.82 x 1.18 inch)	215 x 115 x 30 mm (8.45 x 4.52 x 1.18 inch)
Unit Weight	0.165 kg (0.36 lb)	0.176 kg (0.39 lb)	0.216 kg (0.47 lb)	0.285 kg (0.63 lb)	0.354 kg (0.78 lb)	0.833 kg (1.84 lb)
Cooling System	Convection					Forced Cooling
MTBF ²⁾	> 700,000 hrs					
ENVIRONMENT						
Operating Temperature	-30°C to 70°C (-40°C Cold Start)					
Storage Temperature	-40°C to 85°C					
Power De-rating	PMT-12V35W2BA□, PMT-12V50W2BA□, PMT-12V75W2BA□ > 50°C (2% / °C), < 100 V _{AC} (1.33% / V), PMT-12V100W2BA□ > 50°C (2% / °C), < 115 V _{AC} (0.6% / V), PMT-12V150W2BA□ > 50°C (2% / °C), < -25°C (4% / °C) @90-132 V _{AC} , < 100 V _{AC} (1.33% / V), PMT-12V350W2B□□ > 50°C (2% / °C), < 100 V _{AC} (2% / V)					
Operating Humidity	20 to 90% RH (Non-Condensing)					
Operating Altitude	0 to 5,000 m (0 to 16,400 ft)					

*Only PMT-□V350W2BR□ model

MODEL NAME	PMT-24V35W2BA□	PMT-24V50W2BA□	PMT-24V75W2BA□	PMT-24V100W2BA□	PMT-24V150W2BA□	PMT-24V350W2B□□
OUTPUT RATINGS						
Output Voltage	24 V	24 V	24 V	24 V	24 V	24 V
Output Voltage Range	21.6-26.4 V	21.6-26.4 V	21.6-26.4 V	21.6-26.4 V	21.6-26.4 V	21.6-26.4 V
Output Current	1.5 A	2.2 A	3.2 A	4.5 A	6.25 A	14.6 A, 21.9 A/1S*
Output Power (Max.)	36 W	52.8 W	76.8 W	108 W	150 W	350.4 W, 525.6 W/1S*
Line Regulation	PMT-24V35W2BA□, PMT-24V50W2BA□, PMT-24V75W2BA□, PMT-24V100W2BA□ < 0.5% typ. @ 115 V _{AC} & 230 V _{AC} (AC input), PMT-24V150W2BA□, PMT-24V350W2B□□ < 0.5% typ. @ 100-132 V _{AC} , 180-264 V _{AC} (Selectable by switch)					
Load Regulation	PMT-24V35W2BA□, PMT-24V50W2BA□, PMT-24V75W2BA□, PMT-24V100W2BA□ < 0.5% typ. @ 115 V _{AC} & 230 V _{AC} (AC input), PMT-24V150W2BA□, PMT-24V350W2B□□ < 0.5% typ. @ 100-132 V _{AC} , 180-264 V _{AC} (Selectable by switch)					
PARD (20 MHz)	< 150 mVpp @ 0°C to 70°C, < 450 mVpp typ. @ -30°C to 0°C				< 200 mVpp @ 0°C to 70°C, < 600 mVpp typ. -30°C to 0°C	
Hold-up Time	16 ms typ. @ 115 V _{AC} , 70 ms typ. @ 230 V _{AC}	12 ms typ. @115 V _{AC} , 60 ms typ. @ 230 V _{AC}	11 ms typ. @ 115 V _{AC} , 52 ms typ. @ 230 V _{AC}	9 ms typ. @ 115 V _{AC} , 42 ms typ. @230 V _{AC}	30 ms typ. @ 115 V _{AC} & 230 V _{AC}	20 ms typ. @ 115 V _{AC} & 230 V _{AC}
INPUT RATINGS						
Phase Input	Single Phase					
Input Voltage Range	90-264 V _{AC}				90-132 V _{AC} , 180-264 V _{AC} (Selectable by Switch)	
Input Frequency	47-63 Hz					
Input Current	0.7 A typ. @ 115 V _{AC} , 0.42 A typ. @ 230 V _{AC}	0.95 A typ. @ 115 V _{AC} , 0.6 A typ. @ 230 V _{AC}	1.4 A typ. @ 115 V _{AC} , 0.85 A typ. @ 230 V _{AC}	1.9 A typ. @ 115 V _{AC} , 1.2 A typ. @ 230 V _{AC}	3 A typ. @ 115 V _{AC} , 1.7 A typ. @ 230 V _{AC}	6 A typ. @ 115 V _{AC} , 3.4 A typ. @ 230 V _{AC}
Efficiency ¹⁾	88.5% typ. @ 230 V _{AC}	88.0% typ. @ 230 V _{AC}	89.5 % typ. @ 230 V _{AC}	90.0% typ. @ 230 V _{AC}	89.0% typ. @ 230 V _{AC}	87.0% typ. @ 230 V _{AC}
Max Inrush Current (Cold Start)	45 A typ. @ 230 V _{AC}	45 A typ. @ 230 V _{AC}	55 A typ. @ 230 V _{AC}	55 A typ. @ 230 V _{AC}	60 A typ. @ 230 V _{AC}	60 A typ. @ 230 V _{AC}
Harmonic Current	Conform to IEC/EN 61000-3-2, class A					NA
Leakage Current (240 V _{AC})	< 0.5 mA					< 0.75 mA
MECHANICAL						
Case Cover / Chassis	Metal Case					
Dimensions (L × W × H)	99 x 82 x 29 mm (3.90 x 3.23 x 1.18 inch)	99 x 82 x 29 mm (3.90 x 3.23 x 1.18 inch)	99 x 97 x 30 mm (3.90 x 3.82 x 1.18 inch)	129 × 97 × 30 mm (5.08 x 3.82 x 1.18 inch)	159 × 97 × 30 mm (6.26 x 3.82 x 1.18 inch)	215 x 115 x 30 mm (8.45 x 4.52 x 1.18 inch)
Unit Weight	0.165 kg (0.36 lb)	0.176 kg (0.39 lb)	0.216 kg (0.47 lb)	0.285 kg (0.63 lb)	0.354 kg (0.78 lb)	0.833 kg (1.84 lb)
Cooling System	Convection					Forced Cooling
MTBF ²⁾	> 700,000 hrs					
ENVIRONMENT						
Operating Temperature	-30°C to 70°C (-40°C Cold Start)					
Storage Temperature	-40°C to 85°C					
Power De-rating	PMT-24V35W2BA□, PMT-24V50W2BA□, PMT-24V75W2BA□ > 50°C (2% / °C), < 100 V _{AC} (1.33% / V), PMT-24V100W2BA□ > 50°C (2% / °C), < 115 V _{AC} (0.6% / V), PMT-24V150W2BA□ > 50°C (2% / °C), < -25°C (4% / °C) @ 90-132 V _{AC} < 100 V _{AC} (1.33% / V), PMT-24V350W2B□□ > 50°C (2% / °C), < 100 V _{AC} (2% / V)					
Operating Humidity	20 to 90% RH (Non-Condensing)					
Operating Altitude	0 to 5,000 m (0 to 16,400 ft)					

*Only PMT-□V350W2BR□ model



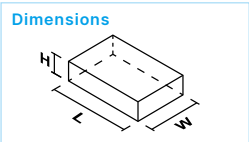
Notes
1) At 25°C ambient temperature by horizontal mounting orientation.
2) MTBF as per Telcordia SR-332 (Confidence level: 90%, I/P: 230 V_{AC}, O/P: 100% load).
3) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

Specifications

MODEL NAME	PMT-48V35W2BA	PMT-48V50W2BA	PMT-48V75W2BA	PMT-48V100W2BA
OUTPUT RATINGS				
Output Voltage	48 V			
Output Voltage Range	43.2-52.8 V			
Output Current	0.8 A	1.1 A	1.6 A	2.3 A
Output Power (Max.)	38.4 W	52.8 W	76.8 W	110 W
Line Regulation	PMT-48V35W2BA, PMT-48V50W2BA, PMT-48V75W2BA, PMT-48V100W2BA < 0.5% typ. @115 V _{AC} & 230 V _{AC} (AC input)			
Load Regulation	PMT-48V35W2BA, PMT-48V50W2BA, PMT-48V75W2BA, PMT-48V100W2BA < 0.5% typ. @ 115 V _{AC} & 230 V _{AC} (AC input)			
PARD (20 MHz)	< 200 mVpp @ 0°C to 70°C, < 600 mVpp typ. @ -30°C to 0°C			
Hold-up Time	16 ms typ. @115 V _{AC} , 70 ms typ. @ 230 V _{AC}	12 ms typ. @115 V _{AC} , 60 ms typ. @ 230 V _{AC}	11 ms typ. @115 V _{AC} , 52 ms typ. @ 230 V _{AC}	9 ms typ. @115 V _{AC} , 42 ms typ. @ 230 V _{AC}
INPUT RATINGS				
Phase Input	Single Phase			
Input Voltage Range	90-264 V _{AC}			
Input Frequency	47-63 Hz			
Input Current	0.7 A typ. @ 115 V _{AC} , 0.42 A typ. @ 230 V _{AC}	0.95 A typ. @ 115 V _{AC} , 0.6 A typ. @ 230 V _{AC}	1.4 A typ. @ 115 V _{AC} , 0.85 A typ. @ 230 V _{AC}	1.9 A typ. @ 115 V _{AC} , 1.2 A typ. @ 230 V _{AC}
Efficiency ¹⁾	89.5% typ. @ 230 V _{AC}	88.5% typ. @ 230 V _{AC}	90.0% typ. @ 230 V _{AC}	91.5% typ. @ 230 V _{AC}
Max Inrush Current (Cold Start)	45 A typ. @ 230 V _{AC}	45 A typ. @ 230 V _{AC}	55 A typ. @ 230 V _{AC}	55 A typ. @ 230 V _{AC}
Harmonic Current	Conform to IEC/EN 61000-3-2, class A			
Leakage Current (240 V _{AC})	< 0.5 mA			
MECHANICAL				
Case Cover / Chassis	Metal Case			
Dimensions (L × W × H)	99 × 82 × 29 mm (3.90 x 3.23 x 1.18 inch)	99 × 82 × 29 mm (3.90 x 3.23 x 1.18 inch)	99 × 97 × 30 mm (3.90 x 3.82 x 1.18 inch)	129 × 97 × 30 mm (5.08 x 3.82 x 1.18 inch)
Unit Weight	0.165 kg (0.36 lb)	0.176 kg (0.39 lb)	0.216 kg (0.47 lb)	0.285 kg (0.63 lb)
Cooling System	Convection			
MTBF ²⁾	> 700,000 hrs			
ENVIRONMENT				
Operating Temperature	-30°C to 70°C (-40°C Cold Start)			
Storage Temperature	-40°C to 85°C			
Power De-rating	PMT-48V35W2BA, PMT-48V50W2BA, PMT-48V75W2BA > 50°C (2% / °C), < 100 V _{AC} (1.33% / V), PMT-48V100W2BA > 50°C (2% / °C), < 115 V _{AC} (0.6% / V)			
Operating Humidity	20 to 90% RH (Non-Condensing)			
Operating Altitude	0 to 5,000 m (0 to 16,400 ft)			

MODEL NAME	PMT-48V150W2BA	PMT-48V150W2CA	PMT-48V200W2B□□	PMT-48V350W2B□□
OUTPUT RATINGS				
Output Voltage	48 V			
Output Voltage Range	43.2-52.8 V			
Output Current	3.3 A	3.3 A	4.4 A	7.3 A, 10.95 A/1S*
Output Power (Max.)	158.4 W	158.4 W	211.2 W	350.4 W, 525.6 W/1S*
Line Regulation	PMT-48V150W2BA, PMT-48V200W2B□, PMT-48V350W2B□ < 0.5% typ. @ 100-132 V _{AC} , 180-264 V _{AC} (Selectable by switch), PMT-48V150W2CA < 0.5% typ. @115 V _{AC} & 230 V _{AC} (AC input)			
Load Regulation	tMT-48V150W2BA, PMT-48V200W2B□, PMT-48V350W2B□ < 0.5% typ. @ 100-132 V _{AC} , 180-264 V _{AC} (Selectable by switch), PMT-48V150W2CA < 0.5% typ. @115 V _{AC} & 230 V _{AC} (AC input)			
PARD (20 MHz)	< 200 mVpp @ 0°C to 70°C, < 600 mVpp typ. @ -30°C to 0°C			
Hold-up Time	30 ms typ. @ 115 V _{AC} & 230 V _{AC}	12 ms typ. @115 V _{AC} , 55 ms typ. @ 230 V _{AC}	30 ms typ. @115 V _{AC} & 230 V _{AC}	20 ms typ. @115 V _{AC} & 230 V _{AC}
INPUT RATINGS				
Phase Input	Single Phase			
Input Voltage Range	PMT-48V150W2BA, PMT-48V200W2B□, PMT-48V350W2B□: 90-132 V _{AC} , 180-264 V _{AC} (Selectable by switch), PMT-48V150W2CA: 90-264 V _{AC}			
Input Frequency	47-63 Hz			
Input Current	3 A typ. @ 115 V _{AC} , 1.7 A typ. @ 230 V _{AC}	3 A typ. @ 115 V _{AC} , 1.7 A typ. @ 230 V _{AC}	4 A typ. @ 115 V _{AC} , 2.2 A typ. @ 230 V _{AC}	6 A typ. @ 115 V _{AC} , 3.4 A typ. @ 230 V _{AC}
Efficiency ¹⁾	91.0% typ. @ 230 V _{AC}	91.0% typ. @ 230 V _{AC}	91.0% typ. @ 230 V _{AC}	88.0% typ. @ 230 V _{AC}
Max Inrush Current (Cold Start)	60 A typ. @ 230 V _{AC}			
Harmonic Current	Conform to IEC/EN 61000-3-2, class A**			N/A
Leakage Current (240 V _{AC})	< 0.5 mA			< 0.75 mA
MECHANICAL				
Case Cover / Chassis	Metal Case			
Dimensions (L × W × H)	159 x 97 x 30 mm (6.26 x 3.82 x 1.18 inch)	159 x 97 x 30 mm (6.26 x 3.82 x 1.18 inch)	159 x 97 x 30 mm (6.26 x 3.82 x 1.18 inch)	215 x 115 x 30 mm (8.45 x 4.52 x 1.18 inch)
Unit Weight	0.354 kg (0.78 lb)	0.392 kg (0.86 lb)	0.420 kg (0.93 lb)	0.833 kg (1.84 lb)
Cooling System	Convection			Forced Cooling
MTBF ²⁾	> 700,000 hrs			
ENVIRONMENT				
Operating Temperature	-30°C to 70°C (-40°C Cold Start)			
Storage Temperature	-40°C to 85°C			
Power De-rating	PMT-48V150W2BA > 50°C (2% / °C), < -25°C (4% / °C) @ 90-132 V _{AC} , < 100 V _{AC} (1.33% / V), PMT-48V150W2CA > 50°C (2% / °C), < 100 V _{AC} (1.33% / V), PMT-48V200W2B□□, PMT-48V350W2B□□ > 50°C (2% / °C), < 100 V _{AC} (2% / V)			
Operating Humidity	20 to 90% RH (Non-Condensing)			
Operating Altitude	0 to 5,000 m (0 to 16,400 ft)			

* Only PMT-□V350W2BR□ Model
** Only PMT-□V200W2BR□ Model



Notes
1) At 25°C ambient temperature by horizontal mounting orientation.
2) MTBF as per Telcordia SR-332 (Confidence level: 90%, I/P: 230 V_{AC}, O/P: 100% load).
3) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

Selection Guide

Model Name	Output Voltage	Output Current	Output Power	Input Voltage Range	Dimension (L x W x H)
PMT-12V35W2BA□	12 V	3.0 A	36 W	90-264 V _{AC}	99 x 82 x 29 mm (3.90 x 3.23 x 1.18 inch)
PMT-15V35W2BA	15 V	2.4 A	36 W	90-264 V _{AC}	99 x 82 x 29 mm (3.90 x 3.23 x 1.18 inch)
PMT-24V35W2BA□	24 V	1.5 A	36 W	90-264 V _{AC}	99 x 82 x 29 mm (3.90 x 3.23 x 1.18 inch)
PMT-30V35W2BA	30 V	1.2 A	36 W	90-264 V _{AC}	99 x 82 x 29 mm (3.90 x 3.23 x 1.18 inch)
PMT-36V35W2BA	36 V	1.0 A	36 W	90-264 V _{AC}	99 x 82 x 29 mm (3.90 x 3.23 x 1.18 inch)
PMT-48V35W2BA	48 V	0.8 A	38.4 W	90-264 V _{AC}	99 x 82 x 29 mm (3.90 x 3.23 x 1.18 inch)
PMT-12V50W2BA□	12 V	4.2 A	50.4 W	90-264 V _{AC}	99 x 82 x 29 mm (3.90 x 3.23 x 1.18 inch)
PMT-15V50W2BA	15 V	3.4 A	51 W	90-264 V _{AC}	99 x 82 x 29 mm (3.90 x 3.23 x 1.18 inch)
PMT-24V50W2BA□	24 V	2.2 A	52.8 W	90-264 V _{AC}	99 x 82 x 29 mm (3.90 x 3.23 x 1.18 inch)
PMT-30V50W2BA	30 V	1.7 A	51 W	90-264 V _{AC}	99 x 82 x 29 mm (3.90 x 3.23 x 1.18 inch)
PMT-36V50W2BA	36 V	1.45 A	52.2 W	90-264 V _{AC}	99 x 82 x 29 mm (3.90 x 3.23 x 1.18 inch)
PMT-48V50W2BA	48 V	1.1 A	52.8 W	90-264 V _{AC}	99 x 82 x 29 mm (3.90 x 3.23 x 1.18 inch)
PMT-12V75W2BA□	12 V	6.0 A	72 W	90-264 V _{AC}	99 x 97 x 30 mm (3.90 x 3.82 x 1.18 inch)
PMT-15V75W2BA	15 V	5.0 A	75 W	90-264 V _{AC}	99 x 97 x 30 mm (3.90 x 3.82 x 1.18 inch)
PMT-24V75W2BA□	24 V	3.2 A	76.8 W	90-264 V _{AC}	99 x 97 x 30 mm (3.90 x 3.82 x 1.18 inch)
PMT-30V75W2BA	30 V	2.5 A	75 W	90-264 V _{AC}	99 x 97 x 30 mm (3.90 x 3.82 x 1.18 inch)
PMT-36V75W2BA	36 V	2.1 A	75.6 W	90-264 V _{AC}	99 x 97 x 30 mm (3.90 x 3.82 x 1.18 inch)
PMT-48V75W2BA	48 V	1.6 A	76.8 W	90-264 V _{AC}	99 x 97 x 30 mm (3.90 x 3.82 x 1.18 inch)
PMT-12V100W2BA□	12 V	8.5 A	102 W	90-264 V _{AC}	129 x 97 x 30 mm (5.08 x 3.82 x 1.18 inch)
PMT-15V100W2BA	15 V	7.0 A	105 W	90-264 V _{AC}	129 x 97 x 30 mm (5.08 x 3.82 x 1.18 inch)
PMT-24V100W2BA□	24 V	4.5 A	108 W	90-264 V _{AC}	129 x 97 x 30 mm (5.08 x 3.82 x 1.18 inch)
PMT-30V100W2BA	30 V	3.6 A	108 W	90-264 V _{AC}	129 x 97 x 30 mm (5.08 x 3.82 x 1.18 inch)
PMT-36V100W2BA	36 V	3.0 A	108 W	90-264 V _{AC}	129 x 97 x 30 mm (5.08 x 3.82 x 1.18 inch)
PMT-48V100W2BA	48 V	2.3 A	110 W	90-264 V _{AC}	129 x 97 x 30 mm (5.08 x 3.82 x 1.18 inch)
PMT-12V150W2BA□	12 V	12.5 A	150 W	90-132 V _{AC} , 180-264 V _{AC} (Selectable by Switch)	159 x 97 x 30 mm (6.26 x 3.82 x 1.18 inch)
PMT-15V150W2BA	15 V	10.0 A	150 W	90-132 V _{AC} , 180-264 V _{AC} (Selectable by Switch)	159 x 97 x 30 mm (6.26 x 3.82 x 1.18 inch)
PMT-24V150W2BA□	24 V	6.25 A	150 W	90-132 V _{AC} , 180-264 V _{AC} (Selectable by Switch)	159 x 97 x 30 mm (6.26 x 3.82 x 1.18 inch)
PMT-30V150W2BA	30 V	5.0 A	150 W	90-132 V _{AC} , 180-264 V _{AC} (Selectable by Switch)	159 x 97 x 30 mm (6.26 x 3.82 x 1.18 inch)
PMT-36V150W2BA	36 V	4.3 A	154.8 W	90-132 V _{AC} , 180-264 V _{AC} (Selectable by Switch)	159 x 97 x 30 mm (6.26 x 3.82 x 1.18 inch)
PMT-48V150W2BA	48 V	3.3 A	158.4 W	90-132 V _{AC} , 180-264 V _{AC} (Selectable by Switch)	159 x 97 x 30 mm (6.26 x 3.82 x 1.18 inch)
PMT-12V150W2CA□	12 V	12.5 A	150 W	90-264 V _{AC}	159 x 97 x 30 mm (6.26 x 3.82 x 1.18 inch)
PMT-15V150W2CA	15 V	10.0 A	150 W	90-264 V _{AC}	159 x 97 x 30 mm (6.26 x 3.82 x 1.18 inch)
PMT-24V150W2CA□	24 V	6.25 A	156 W	90-264 V _{AC}	159 x 97 x 30 mm (6.26 x 3.82 x 1.18 inch)
PMT-30V150W2CA	30 V	5.0 A	150 W	90-264 V _{AC}	159 x 97 x 30 mm (6.26 x 3.82 x 1.18 inch)
PMT-36V150W2CA	36 V	4.3 A	154.8 W	90-264 V _{AC}	159 x 97 x 30 mm (6.26 x 3.82 x 1.18 inch)
PMT-48V150W2CA	48 V	3.3 A	158.4 W	90-264 V _{AC}	159 x 97 x 30 mm (6.26 x 3.82 x 1.18 inch)

Model Name	Output Voltage	Output Current	Output Power	Input Voltage Range	Dimension (L x W x H)
PMT-12V200W2B□□	12 V	17.0 A	204 W	90-132 V _{AC} , 180-264 V _{AC} (Selectable by Switch)	159 x 97 x 30 mm (6.26 x 3.82 x 1.18 inch)
PMT-24V200W2B□□	24 V	8.8 A	211.2 W	90-132 V _{AC} , 180-264 V _{AC} (Selectable by Switch)	159 x 97 x 30 mm (6.26 x 3.82 x 1.18 inch)
PMT-36V200W2B□□	36 V	5.9 A	212.4 W	90-132 V _{AC} , 180-264 V _{AC} (Selectable by Switch)	159 x 97 x 30 mm (6.26 x 3.82 x 1.18 inch)
PMT-48V200W2B□□	48 V	4.4 A	211.2 W	90-132 V _{AC} , 180-264 V _{AC} (Selectable by Switch)	159 x 97 x 30 mm (6.26 x 3.82 x 1.18 inch)
PMT-12V350W2B□□	12 V	29.0 A	348 W	90-132 V _{AC} , 180-264 V _{AC} (Selectable by Switch)	215 x 115 x 30 mm (8.45 x 4.52 x 1.18 inch)
PMT-24V350W2B□□	24 V	14.6 A	350.4 W	90-132 V _{AC} , 180-264 V _{AC} (Selectable by Switch)	215 x 115 x 30 mm (8.45 x 4.52 x 1.18 inch)
PMT-36V350W2B□□	36 V	9.7 A	349.2 W	90-132 V _{AC} , 180-264 V _{AC} (Selectable by Switch)	215 x 115 x 30 mm (8.45 x 4.52 x 1.18 inch)
PMT-48V350W2B□□	48 V	7.3 A	350.4 W	90-132 V _{AC} , 180-264 V _{AC} (Selectable by Switch)	215 x 115 x 30 mm (8.45 x 4.52 x 1.18 inch)
PMT-D1V75W2□A	V1: 5 V _{DC} , V2: 12 V _{DC}	V1: 5.0 A V2: 4.0 A	73 W	90-264 V _{AC}	129 x 97 x 30 mm (5.08 x 3.82 x 1.18 inch)
PMT-D2V75W2□A	V1: 5 V _{DC} , V2: 24 V _{DC}	V1: 5.0 A V2: 2.1 A	75.4 W	90-264 V _{AC}	129 x 97 x 30 mm (5.08 x 3.82 x 1.18 inch)

Panel Mount Power Supply Model Numbering

35~150 W Series

PM	T-	XXV	XXXW	2	B	A	□
Panel Mount	Product Type T - Enclosed	Output Voltage	Output Power	Single Phase with Low Profile	Family Code B - No PFC C - No PFC & Universal AC Input Voltage Range	Connector Type A - Terminal Block	Blank - Without connector cover B - With conformal coating **

200~350 W Series

PM	T-	XXV	XXXW	2	B	□	□
Panel Mount	Product Type T - Enclosed	Output Voltage	Output Power	Single Phase with Low Profile	Family Code B-No PFC	Connector Type <u>UL</u> , <u>TUV</u> , <u>CE</u> R - Terminal Block* <u>UL</u> M - Terminal Block	Blank - Without connector cover B - With conformal coating **

* Support 150% peak power & with EMI Class B (only for 350 W model)
** Only 12 V/24 V model

Dual Output 75 W Series

PM	T-	XXV	XXXW	2	□	□
Panel Mount	Product Type T - Enclosed	Output Voltage D1 - 5 V & 12 V D2 - 5 V & 24 V	Output Power	Single Phase with Low Profile	B – Non-Isolated C – Isolated	Connector Type A - Terminal Block

DIN Rail Power Supply

LYTE Power Supply

12 V / 24 V / 48 V outputs



Complete Output Voltage 12 V, 24 V, 48 V

The LYTE series has 12 V / 24 V / 48 V output voltage with 75 W / 120 W / 240 W / 480 W output power, ensuring versatility for a range of needs.



Universal AC input voltage range

The universal AC input voltage range feature makes LYTE power supplies useful for a variety of applications.



-30°C ~ +70°C Operating Temperature Range

The LYTE series power supplies are able to cold start at -40°C and operate at -30°C to +70°C, meaning they can withstand extremely harsh environments.



No Load Power Consumption

The series features low no load power consumption to reduce energy consumption.



Compact Design and High Power Density

The new models reduces volume by 30% and has 9.73 W / inch³ power density, saving installing spaces.



Conforms with Complete Certification

The LYTE series conforms to IEC 60950-1, IEC/EN/UL 62368-1, IEC/EN 61010-1 & IEC/EN 61010-2-201 certification, and multinational standards.



Compliance with SEMI F47 @ 200 V_{AC}

SEMI F47 certification makes The LYTE series ideal for applications in the semiconductor industry.



Meets DOE VI Standards*

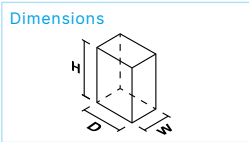
Meets DOE VI standards for its high power efficiency.

*Support 120 W / 240 W Model

Specifications

MODEL NAME	DRL-12V75W1AZ□	DRL-24V75W1AZ□	DRL-48V75W1AZ□
OUTPUT RATINGS			
Output Voltage	12 V	24 V	48 V
Output Voltage Range	10.8-13.2 V	21.6-26 V	43.2-52.8 V
Output Current	6.25 A	3.125 A	1.57 A
Output Power (Max.)	75 W	75 W	75.36 W
Line Regulation	< 0.5% (@ 85-264 V _{AC} , 100% load)		
Load Regulation	< 1.0%		
PARD (20 MHz)	< 120 mVpp @ > -10°C to +70°C, < 360 mVpp @ ≤ -10°C to -30°C		< 240 mVpp @ -10°C to +70°C, < 480 mVpp @ -10°C to -30°C
Hold-up Time	16 ms typ. @ 115 V _{AC} , 60 ms typ. @ 230 V _{AC}		
INPUT RATINGS			
Phase Input	Single Phase		
Input Voltage Range	85-264 V _{AC}		
Input Frequency	47-63 Hz		
Input Current	1.4 A typ. @ 115 V _{AC} , 0.9 A typ. @ 230 V _{AC}		
Efficiency ²⁾	87.5% typ. @ 230 V _{AC}	89.0% typ. @ 230 V _{AC}	90.0% typ. @ 230 V _{AC}
Max Inrush Current (Cold Start)	50 A typ. @ 230 V _{AC}		
Harmonic Current	Conform to EN 61000-3-2, class A		
Leakage Current	< 1 mA @ 240 V _{AC}		
MECHANICAL			
Case Cover / Chasis	Plastic		
Dimensions (H × W × D)	123.6 x 27 x 102 mm (4.87 x 1.06 x 4.02 inch)		
Unit Weight	0.22 kg (0.49 lb)		
Cooling System	Convection		
MTBF ³⁾	> 700,000 hrs		
ENVIRONMENT			
Operating Temperature	-20°C to +70°C (-30°C Cold Start)		
Storage Temperature	-40°C to +85°C		
Power De-rating	-10°C to -20°C de-rate power by 1%/°C, > 40°C de-rate power by 1.67% / °C @ 115 V _{AC} , > 50°C de-rate power by 2.5% / °C @ 230 V _{AC} , < 100 V _{AC} de-rate power by 1.33% / V _{AC}		
Operating Humidity	5 to 95% RH (Non-condensing)		
Operating Altitude	0 to 5,000 m (0 to 16,400 ft)		

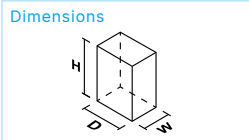
MODEL NAME	DRL-24V120W1EN□	DRL-24V120W1EN□	DRL-48V120W1EN□
OUTPUT RATINGS			
Output Voltage	12 V	24 V	48 V
Output Voltage Range	10.8-13.2 V	21.6-26.4 V	43.2-52.8 V
Output Current	10.0 A	5.0 A	2.5 A
Output Power (Max.)	120 W max		
Line Regulation	<0.5% @ 115 V _{AC} & 230 V _{AC}		
Load Regulation	< 1.0%	< 0.5%	< 0.5%
PARD (20 MHz)	< 120 mVpp @ 0°C to +70°C, < 360 mVpp @ -30°C to 0°C	< 150 mVpp @ 0°C to +70°C, < 450 mVpp @ -30°C to 0°C	< 200 mVpp @ 0°C to +70°C, < 600 mVpp @ -30°C to 0°C
Hold-up Time	10 ms typ. @ 115 V _{AC} , 16 ms typ. @ 230 V _{AC}		
INPUT RATINGS			
Phase Input	Single Phase		
Input Voltage Range	90-264 V _{AC}		
Input Frequency	47-63 Hz		
Input Current	2.1 A typ. @ 115 V _{AC} , 1.3 A typ. @ 230 V _{AC}		
Efficiency ¹⁾	86.0% typ. @ 230 V _{AC}	88.5% typ. @ 230 V _{AC}	89.5% typ. @ 230 V _{AC}
Max Inrush Current (Cold Start)	35 A typ. @ 230 V _{AC}		
Harmonic Current	Conform to EN 61000-3-2, class A		
Leakage Current	< 0.5 mA @ 240 V _{AC}		
MECHANICAL			
Case Cover / Chasis	Metal Case		
Dimensions (H × W × D)	123.6 x 30 x 116.8 mm (4.87 x 1.18 x 4.60 inch)		
Unit Weight	0.45 kg (0.99 lb)		
Cooling System	Convection		
MTBF ²⁾	> 700,000 hrs		
ENVIRONMENT			
Operating Temperature	-30°C to +70°C (-40°C Cold Start)		
Storage Temperature	-40°C to +85°C		
Power De-rating	> 40°C de-rate power by 1.67% / °C @ 115 V _{AC} , > 50°C de-rate power by 2.5% / °C @ 230 V _{AC} , < 100 V _{AC} de-rate power by 1% / V _{AC}		
Operating Humidity	20 to 95% RH (Non-condensing)		
Operating Altitude	0 to 5,000 m (16,400 ft)		



Notes
1) At 25°C ambient temperature by vertical mounting orientation.
2) MTBF as per Telcordia SR-332 (Confidence level: 90%, I/P: 100 V_{AC}, O/P: 100% load) for vertical mounting orientation.
3) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

Specifications

MODEL NAME	DRL-12V240W1EN□	DRL-24V240W1EN□	DRL-48V240W1EN□
OUTPUT RATINGS			
Output Voltage	12 V	24 V	48 V
Output Voltage Range	10.8-13.2 V	21.6-26.4 V	43.2-52.8 V
Output Current	20.0 A	10.0 A	5.0 A
Output Power (Max.)	240 W		
Line Regulation	< 0.5% @ 115 V _{AC} & 230 V _{AC}		
Load Regulation	< 1.0 %	< 0.5 %	< 0.5 %
PARD (20 MHz)	< 120 mVpp @ 0°C to +70°C, < 360 mVpp @ -30°C to 0°C	< 150 mVpp @ 0°C to +70°C, < 450 mVpp @ -30°C to 0°C	< 200 mVpp @ 0°C to +70°C, < 600 mVpp @ -30°C to 0°C
Hold-up Time	20 ms typ. @ 115 V _{AC} , 20 ms typ. @ 230 V _{AC}		
INPUT RATINGS			
Phase Input	Single Phase		
Input Voltage Range	90-264 V _{AC}		
Input Frequency	47-63 Hz		
Input Current	2.5 A typ. @ 115 V _{AC} , 1.3 A typ. @ 230 V _{AC}		
Efficiency ¹⁾	86.5% typ. @ 230 V _{AC}	90% typ. @ 230 V _{AC}	90.5% typ. @ 230 V _{AC}
Max Inrush Current (Cold Start)	40 A typ. @ 230 V _{AC}		
Harmonic Current	Conform to EN 61000-3-2, class A / > 0.95 @ 115 V _{AC} & 230 V _{AC}		
Leakage Current	< 0.75 mA @ 240 V _{AC}		
MECHANICAL			
Case Cover / Chasis	Metal Case		
Dimensions (H × W × D)	123.6 x 40 x 116.8 mm (4.87 x 1.57 x 4.60 inch)		
Unit Weight	0.62 kg (1.37 lb)		
Cooling System	Convection		
MTBF ²⁾	> 700,000 hrs		
ENVIRONMENT			
Operating Temperature	-30°C to +70°C (-40°C Cold Start)		
Storage Temperature	-40°C to +85°C		
Power De-rating	> 40°C de-rate power by 1.67% / °C @ 115 V _{AC} , > 50°C de-rate power by 2.5% / °C @ 230 V _{AC} , < 100 V _{AC} de-rate power by 1% / V _{AC}		
Operating Humidity	20 to 95% RH (Non-condensing)		
Operating Altitude	0 to 5,000 m (16,400 ft)		



Notes
1) At 25°C ambient temperature by vertical mounting orientation.
2) MTBF as per Telcordia SR-332 (Confidence level: 90%, I/P: 100 V_{AC}, O/P: 100% load) for vertical mounting orientation.
3) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

MODEL NAME	DRL-24V480W1EN□	DRL-48V480W1EN□
OUTPUT RATINGS		
Output Voltage	24 V	48 V
Output Voltage Range	24-28 V	48-55 V
Output Current	0-20.0 A	0-10.0 A
Output Power (Max.)	480 W	480 W
Line Regulation	<0.5% @ 115 V _{AC} & 230 V _{AC}	
Load Regulation	< 0.5%	< 0.5%
PARD (20 MHz)	< 150 mVpp @ 0°C to +70°C, < 450 mVpp @ -30°C to 0°C	< 200 mVpp @ 0°C to +70°C, < 600 mVpp @ -30°C to 0°C
Hold-up Time	25 ms typ. @ 115 V _{AC} & 230 V _{AC} (100% load)	
INPUT RATINGS		
Phase Input	Single Phase	
Input Voltage Range	90-264 V _{AC}	
Input Frequency	47-63 Hz	
Input Current	4.7 A typ. @ 115 V _{AC} , 2.4 A typ. @ 230 V _{AC}	
Efficiency ²⁾	93.0% typ. @ 230 V _{AC}	93.5% typ. @ 230 V _{AC}
Max Inrush Current (Cold Start)	40 A typ. @ 230 V _{AC}	
Harmonic Current	Conform to IEC/EN 61000-3-2, class A / > 0.96 @ 115 V _{AC} & > 0.93 @ 230 V _{AC}	
Leakage Current	< 1.5 mA @ 240 V _{AC}	
MECHANICAL		
Case Cover / Chasis	Metal Case	
Dimensions (H × W × D)	123.6 x 56 x 116.8 mm (4.87 x 2.20 x 4.60 inch)	
Unit Weight	0.87 kg (1.72 lb)	
Cooling System	Convection	
MTBF ³⁾	> 700,000 hrs	
ENVIRONMENT		
Operating Temperature	-30°C to +70°C (-40°C Cold Start)	
Storage Temperature	-40°C to +85°C	
Power De-rating	> 40°C de-rate power by 1.67% / °C @ 115 V _{AC} , > 50°C de-rate power by 2.5% / °C @ 230 V _{AC} , < 100Vac de-rate power by 1% / V _{AC}	
Operating Humidity	20 to 95% RH (Non-condensing)	
Operating Altitude	0 to 5,000 m (0 to 16,400 ft)	

Selection Guide

Model Name	Phase			PFC	Output Voltage	Output Current	Output Power	Input Voltage Range	Dimensions (H x W x D)
	1	2	3						
DRL-12V75W1AZ□	●				12 V	6.25 A	75 W	85-264 V _{AC}	123.6 x 27 x 102 mm (4.86 x 1.06 x 4.02 inch)
DRL-24V75W1AZ□	●				24 V	3.125 A	75 W	85-264 V _{AC}	123.6 x 27 x 102 mm (4.86 x 1.06 x 4.02 inch)
DRL-48V75W1AZ□	●				48 V	1.57 A	76.36 W	85-264 V _{AC}	123.6 x 27 x 102 mm (4.86 x 1.06 x 4.02 inch)
DRL-12V120W1EN□	●				12 V	10 A	120 W	90-264 V _{AC}	123.6 x 30 x 116.8 mm (4.87 x 1.18 x 4.60 inch)
DRL-24V120W1EN□	●				24 V	5.0 A	120 W	90-264 V _{AC}	123.6 x 30 x 116.8 mm (4.87 x 1.18 x 4.60 inch)
DRL-48V120W1EN□	●				48 V	2.5 A	120 W	90-264 V _{AC}	123.6 x 30 x 116.8 mm (4.87 x 1.18 x 4.60 inch)
DRL-12V240W1EN□	●			●	12 V	20.0 A	240 W	90-264 V _{AC}	123.6 x 40 x 116.8 mm (4.87 x 1.57 x 4.60 inch)
DRL-24V240W1EN□	●			●	24 V	10.0 A	240 W	90-264 V _{AC}	123.6 x 40 x 116.8 mm (4.87 x 1.57 x 4.60 inch)
DRL-48V240W1EN□	●			●	48 V	5.0 A	240 W	90-264 V _{AC}	123.6 x 40 x 116.8 mm (4.87 x 1.57 x 4.60 inch)
DRL-24V480W1EN□	●			●	24 V	20.0 A	480 W	90-264 V _{AC}	123.6 x 56 x 116.8 mm (4.87 x 2.20 x 4.60 inch)
DRL-48V480W1EN□	●			●	48 V	10.0 A	480 W	90-264 V _{AC}	123.6 x 56 x 116.8 mm (4.87 x 2.20 x 4.60 inch)

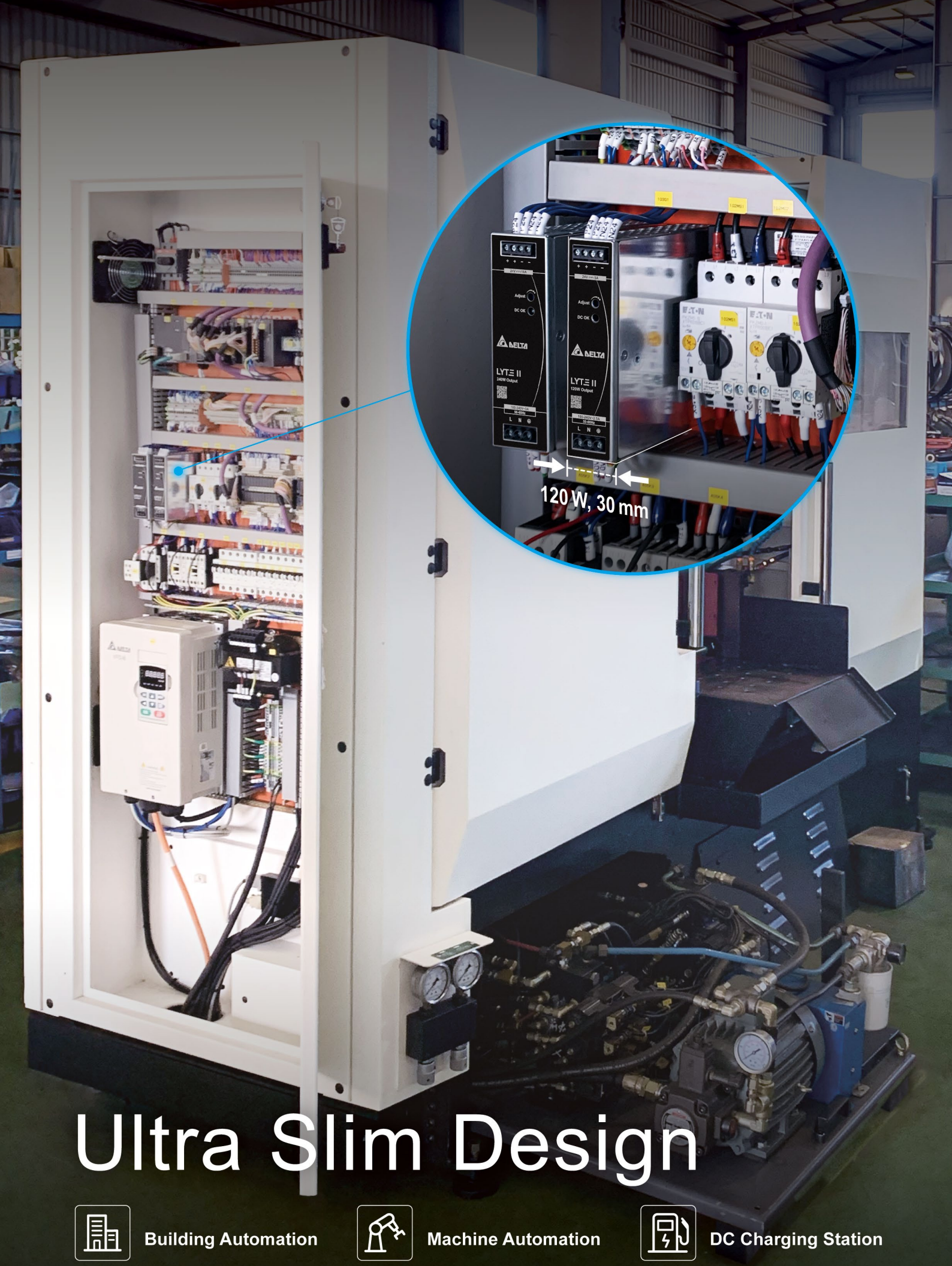
DIN Rail Power Supply Model Numbering

LYTE 75 W Series

DR	L-	XXV	XXXW	1	A	Z	□
DIN Rail	Product Type L-LYTE Series	Output Voltage	Output Power	Phase Input 1 - Single Phase	LYTE Series with Standard Bracket	Plastic case without DC OK relay contact	Blank - No coating R - With coating

LYTE II 120 W / 240 W / 480 W Series

DR	L-	XXV	XXXW	1	E	N	□
DIN Rail	Product Type L-LYTE Series	Output Voltage	Output Power	Phase Input 1 - Single Phase	LYTE II Series with Slim Design	No DC OK relay contact	Blank - No coating A - With coating



Ultra Slim Design



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Machine Automation



DC Charging Station

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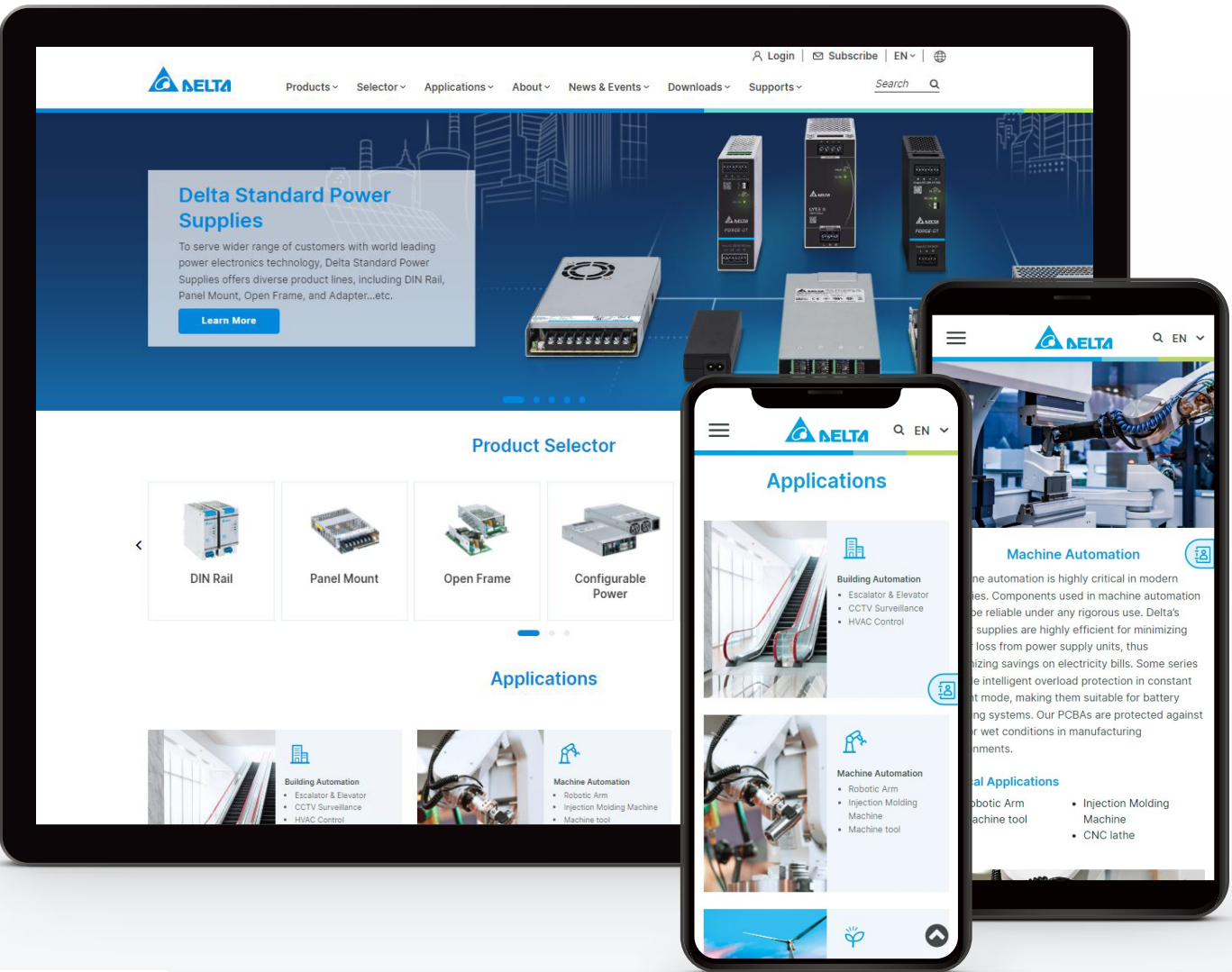
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