

# CliQ VA DIN Rail Power Supply

## 24V Output



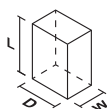
### HIGHLIGHTS & FEATURES

- Universal AC input voltage range
- LCD display monitoring the output current / voltage / peak current and temperature
- Life time expectancy alarm signal and monitoring
- Built-in active PFC with up to 94% efficiency
- Power Boost of 150% up to 7 seconds
- Advanced Power Boost (APB)
- DC OK Contact and LED indicator for DC OK/ Overload
- Conformal coating on PCBAs to protect against common dust and chemical pollutants

### GENERAL SPECIFICATIONS

	NEW	NEW	NEW
OUTPUT	DRV-24V120W1PN	DRV-24V240W1PN	DRV-24V480W1PN
Output Voltage	24V	24V	24V
Output Voltage Range	24-28V	24-28V	24-28V
Output Current	5.0-4.28A	10.0-8.57A	20.0-17.0A
Output Power	120W	240W	480W
Line Regulation	20mV (@ 85-264Vac input, 100% load)	10mV (@ 85-276Vac input, 100% load)	
Load Regulation	100mV (@ 85-264Vac input, 0-100% load)	100mV (@ 85-276Vac input, 0-100% load)	
PARD (20MHz)	< 50mVpp	< 50mVpp	< 100mVpp
Hold-up Time	> 34ms @ 120Vac, > 65ms @ 230Vac	> 28ms @ 120Vac & 230Vac	> 30ms @ 120Vac & 230Vac
<b>INPUT</b>			
Phase Input	Single Phase		
Input Voltage Range	85-264Vac (DC input range 88-375Vdc) <sup>1)</sup>	85-276Vac (DC input range 88-375Vdc) <sup>1)</sup>	
Input Frequency	47-63Hz		
Input Current	< 1.13A @ 120Vac, < 0.63A @ 230Vac	< 2.22A @ 120Vac, < 1.21A @ 230Vac	< 4.60A @ 120Vac, < 2.50A @ 230Vac
Efficiency <sup>2)</sup> at 100% Load	> 90.3% @ 120Vac, > 91.2% @ 230Vac	> 92.6% @ 120Vac, > 93.5% @ 230Vac	> 92.2% @ 120Vac, > 93.4% @ 230Vac
Max Inrush Current (Cold Start)	< 15A @ 120Vac & 230Vac	< 10A @ 120Vac & 230Vac	< 13A @ 120Vac & 230Vac
Power Factor	> 0.99 @ 120Vac, > 0.91 @ 230Vac	> 0.98 @ 120Vac, > 0.92 @ 230Vac	> 0.92 @ 120Vac, > 0.87 @ 230Vac
Leakage Current (264Vac, 50Hz)	TT/TN	< 0.45mA	< 0.80mA
	IT	< 1.08mA	< 2.00mA
<b>MECHANICAL</b>			
Case Cover / Chassis	Aluminium & Plastic / Aluminium		
Dimensions (L x W x D)	124 x 60 x 139 mm (4.88" x 2.36" x 5.47")	124 x 60 x 139 mm (4.88" x 2.36" x 5.47")	124 x 82 x 149 mm (4.88" x 3.23" x 5.87")
Unit Weight	0.75 kg (1.65 lb)	1.02 kg (2.25 lb)	1.45 kg (3.20 lb)
Cooling System	Convection		
MTBF <sup>3)</sup>	> 1,400,000 hrs	> 1,200,000 hrs	> 700,000 hrs
<b>ENVIRONMENT</b>			
Operating Temperature	-25°C to +70°C		
Storage Temperature	-40°C to +85°C		
Power De-rating	> 60°C (2.5% / °C)		
Operating Humidity	5 to 95% RH (Non-Condensing)		
Operating Altitude	0 to 5,000 m (0 to 16,400 ft)		

Dimensions Reference



Notes

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