EFRG-P657

DC 380V Input

650W with +12V and +5VSB Output

High Efficiency > 94%

0~50℃ Working Temperature

PMBus 1.2

The Best for
Most efficient power distribution architectures in Data Center

Input and Output Characteristics:

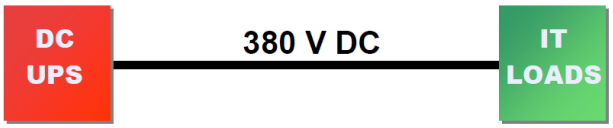
Input		Output					
Volt	DC 360V~DC 400V	**Volt**	**Max. Load**	**Min. Load**	**Ripple & Noise**	**Load Reg.**	**Line Reg.**
Current	2.0A~2.2A	**+12V**	54A	1A	120mV	±5%	±1%
Inrush	70A max @ 380VDC	**+5VSB**	3A	0.1A	50mV	±5%	±1%

**The charging current for X capacitors is not considered as in-rush current.

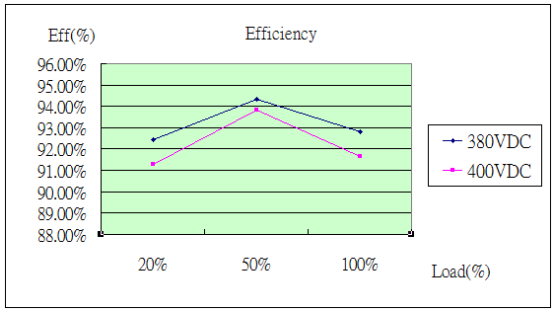
Features:

- Dimension: 300.00x50.50x40.00 mm
- DC 380V nominal Input Voltage
- Hot-Swappable Redundancy configuration
- Slim-type form factor with N+1 Solution
- Efficiency: ≥94% at typical Load
- Short Circuit Protection
- Over Current Protection
- Over Voltage Protection
- Over Temperature Protection
- MTBF >100,000 Hours
- Operating Temperature: 0 to 50℃
- Operating Humidity: 20 to 90 %
- Multi-display LED indicated Status
- PMBus 1.2 Support
- FAN Thermal control

Hypothetical approach for distributing 380 VDC

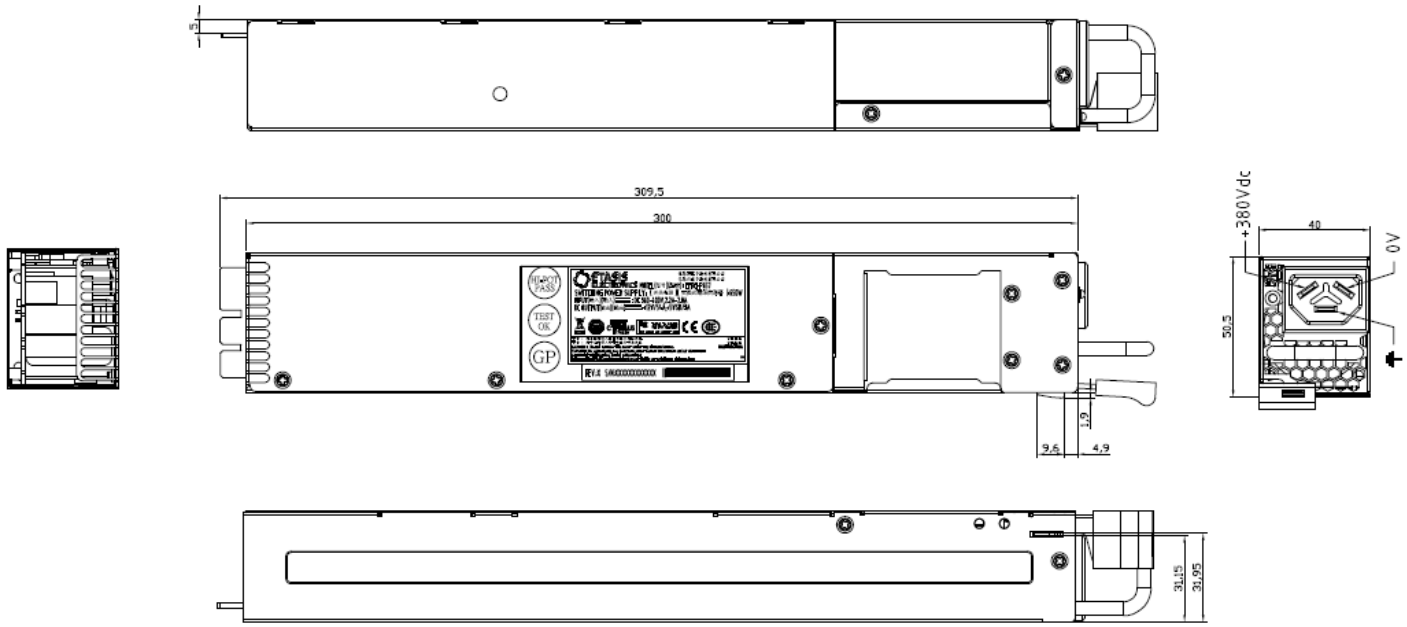


High Efficiency



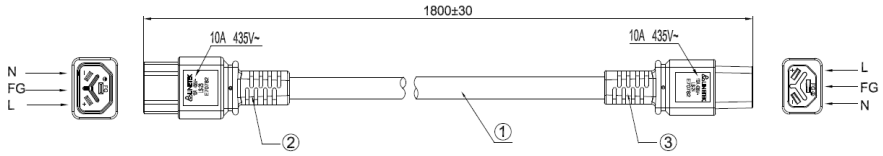
Mechanical

Outline Drawing



DC input Mating Power Cord (Recommeded):

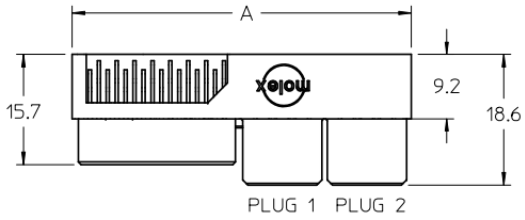
LS23/LS24 ST 3C 105 C 600V VW-1 (Reference: Linetek)



ITEM	DESCRIPTION	Q'TY	U/M
3	CONNECTOR(LS-24)	1	EA
2	APPLIANCE INLET(LS-23)	1	EA
1	ST 14AWG/3C 105°C BLACK L=1800mm	1	EA

DC Output mating Connector (Recommended):

Molex 45984 Series or Equivalents



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