

EFRG-P657

DC 380V Input
650W with +12V and +5VSB Output
High Efficiency > 94%
0~50°C Working Temperature
PMBus 1.2



**The Best for
Most efficient power distribution architectures
in Data Center**

Input and Output Characteristics:

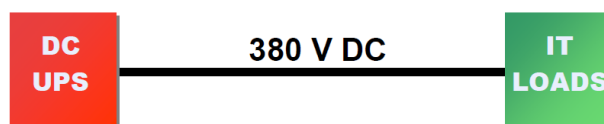
Input		Output					
Volt	DC 360V~DC 400V	Volt	Max. Load	Min. Load	Ripple & Noise	Load Reg.	Line Reg.
Current	2.0A~2.2A	+12V	54A	1A	120mV	±5%	±1%
Inrush	70A max @ 380VDC	+5VSB	3A	0.1A	50mV	±5%	±1%

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

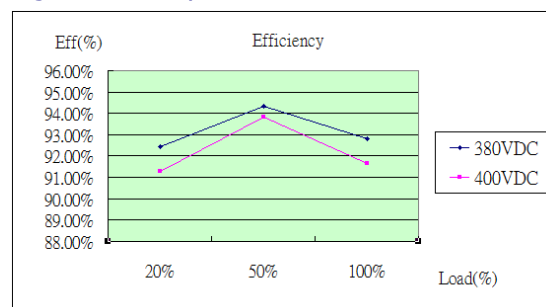
Features:

- 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°C
- Operating Humidity: 20 to 90 %
- Multi-display LED indicated Status
- PMBus 1.2 Support
- FAN Thermal control

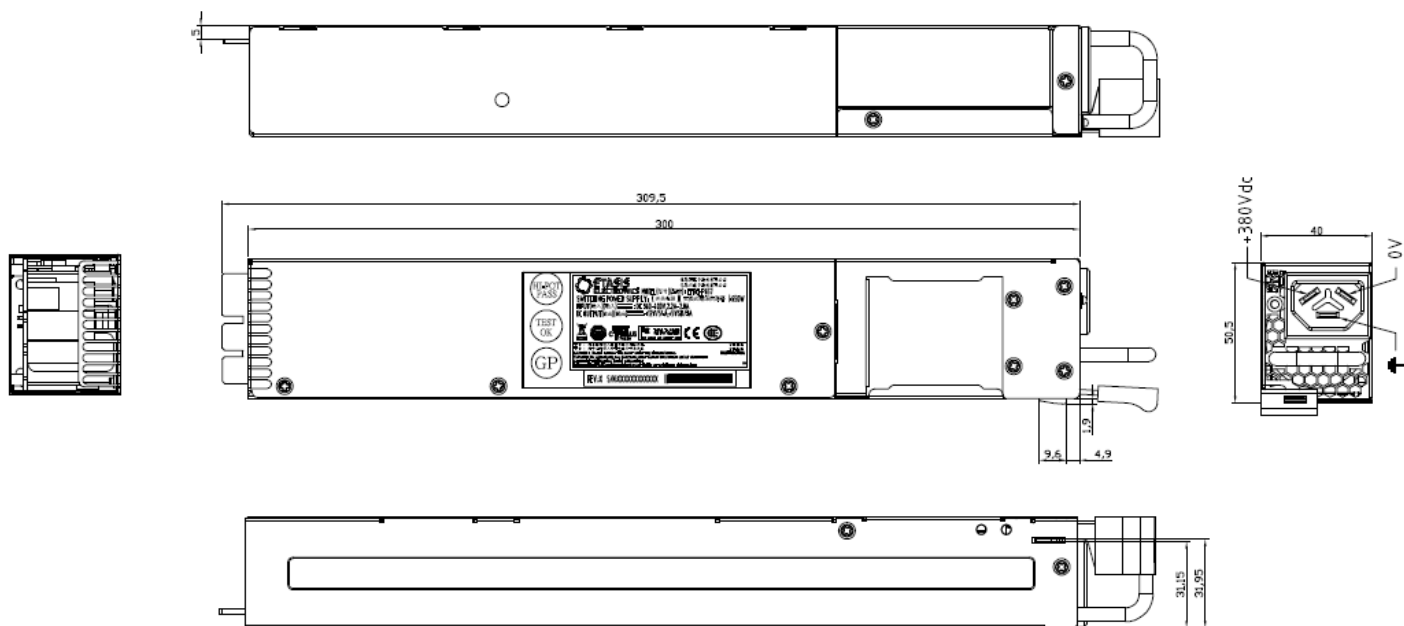
Hypothetical approach for distributing 380 VDC



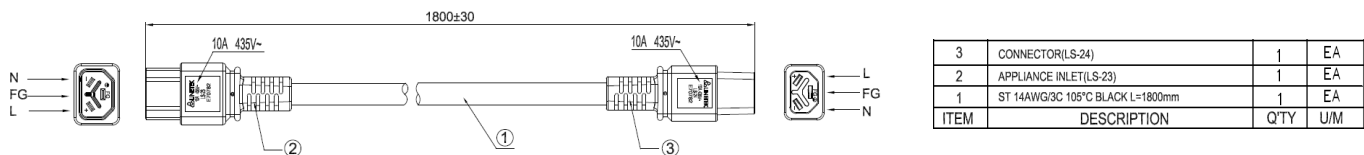
High Efficiency



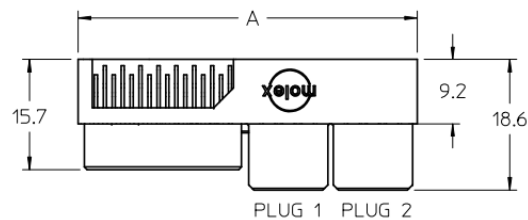
Mechanical
Outline Drawing



DC input Mating Power Cord (Recommended):
LS23/LS24 ST 3C 105 C 600V VW-1 (Reference: Linetek)



DC Output mating Connector (Recommended):
Molex 45984 Series or Equivalents



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