

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:

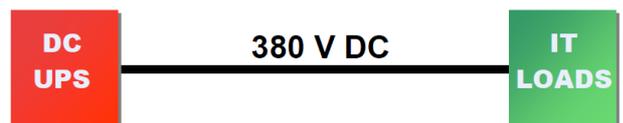
Input		Output					
Volt	DC 360V~DC 400V	Volt	Max. Load	Min. Load	Ripple & Noise	Load Reg.	Line Reg.
Current	2.0A~2.2A	+12V	54A	1A	120mV	±5%	±1%
Inrush	70A max @ 380VDC	+5VSB	3A	0.1A	50mV	±5%	±1%

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

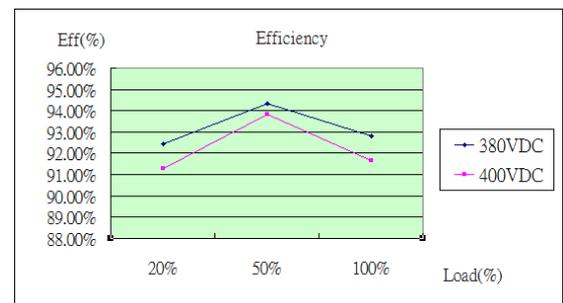
Features:

- ⊙ 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

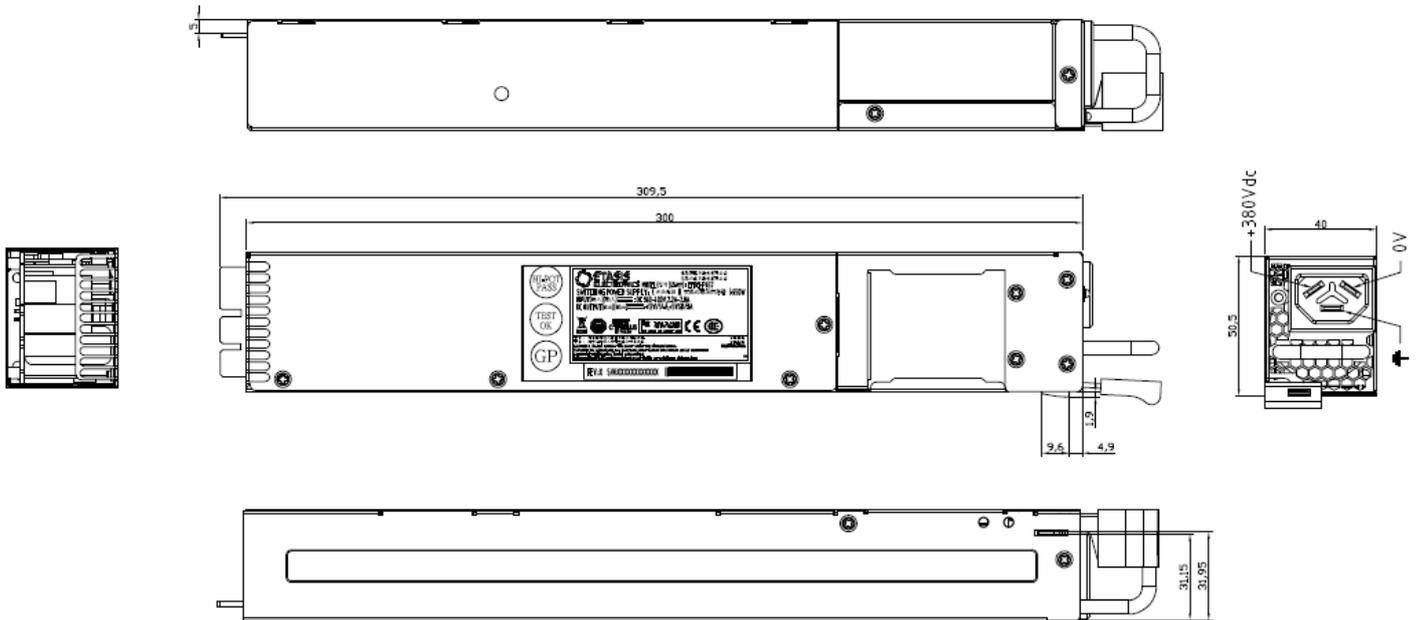


High Efficiency



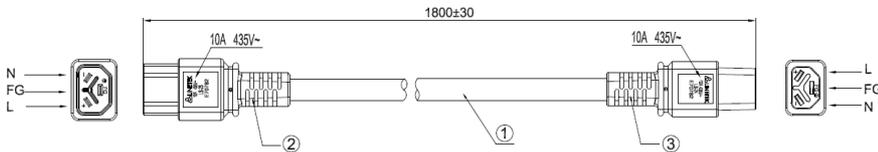
Mechanical

Outline Drawing



DC input Mating Power Cord (Recommended):

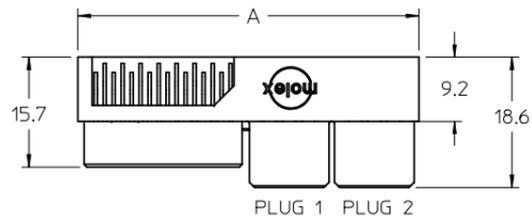
LS23/LS24 ST 3C 105 C 600V VW-1 (Reference: Linetek)



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

DC Output mating Connector (Recommended):

Molex 45984 Series or Equivalent



©ETASIS Electronic Corporation. All rights reserved. ETASIS Electronics Corporation reserves the right to make changes to their products, specification, or to discontinue any product and its service at anytime without notice. The information and specification from ETASIS is believed to be accurate and reliable. However, ETASIS assumes no responsibility for any business loss due to specification changes. ETASIS products are not designed to be used in system deemed to be critical, or in any system wherein failure or malfunction could result in injury or death.