



- Dimension (W x L x H): 76 x 336 x 40 mm
- Maximum Output Power: 2000W / 1600W



INPUT CHARACTERISTICS

RATED VOLTAGE / CURRENT	-36 to -44Vdc / 50 A Max -45 to -66Vdc / 50 A Max
INRUSH CURRENT	Less than 70A
INPUT CONNECTOR	3Pin D sub power supply side: Amphenol LCC17-A3W3SM-2N0
SUPERMICRO DC INPUT CABLE PART NUMBER	CBL-PWEX-1058 (Length 4 Meter)

DC OUTPUT CHARACTERISTICS

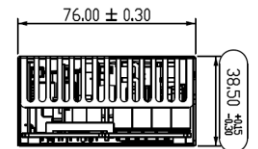
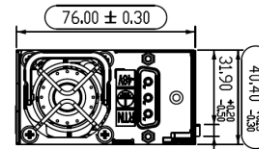
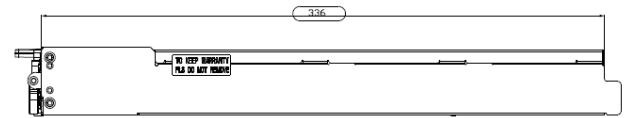
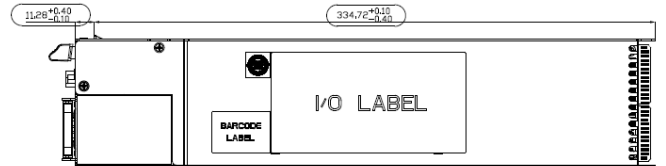
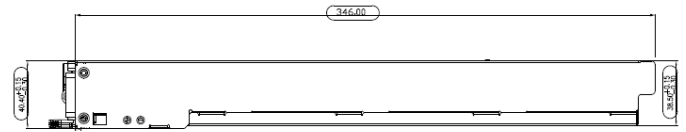
MAXIMUM POWER	1600W @ -36Vdc to -44Vdc 2000W @ -45Vdc to -66Vdc
EFFICIENCY	Typical 90%
VOLTAGE	+12V +5Vsb
MAXIMUM CURRENT	166.7A (2000W) 6A 133.3A (1600W)
REGULATION	+/- 5% +/- 5%
RIPPLE & NOISE	120mV 50mV
OUTPUT CONNECTOR	27Pairs Gold Finger
HOLD UP TIME	PWOK 50µs at 75% of max Loading 12V 50µs at 75% of max Loading

GENERAL SPECIFICATIONS

REMOTE MANAGEMENT	PMBus 1.2 Compatible FRU Data
MTBF	>150,000hours at 25 °C
REDUNDANCY	Hot swappable, N+1
PROTECTION	OCP, OVP, Short Circuit, Over Temperature, Input Under Voltage

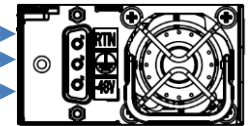
Features and Benefits:

- Wide Range DC Input -48V Input
- High Power Density
- I²C, PMBus Remote Management Support



Inlet Wiring

- RTN
- Ground
- 48V



REGULATORY

SAFETY COMPLIANCE	UL60950-1/CSE 60950-1 EN60950-1 IEC60950-1 CB Report CE Low Voltage Directive CCC (GB17625.1-2013) (China)
EMC	EMI Class A

ENVIRONMENTAL SPECIFICATIONS

AMBIENT TEMPERATURE	Operating: 0 to 50 °C Non-Operating: -10 to 60 °C
OPERATING ALTITUDE	Operating: to 5000m Non-Operating: to 10580m
RELATIVE HUMIDITY	Operating: 20% to 90% (non-condensing) Non-Operating: 5% to 95% (non-condensing)

Specification is subject to change without prior notice