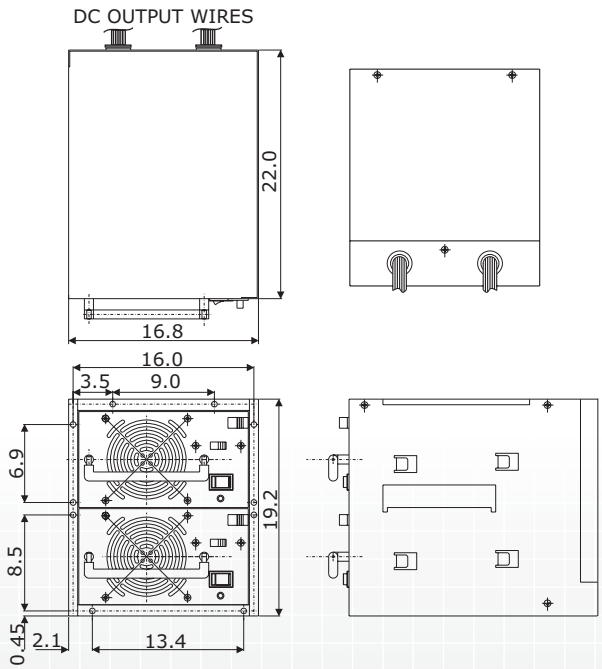
ARI-6400F

400W Redundant Power Supply





Features

- ***Input Voltage:** 90~132VAC or 180~260VAC selectable
- ***Input Frequency:** 47~63Hz
- ***Input Current:** 10A at 115VAC or 6A at 230VAC max.
- ***Inrush Current:** < 50A at 100VAC, < 100A at 220VAC, < 60A at 230VAC input cold start, 25°C excluding EMI capacitors
- ***Load Range:** At 100% max. load condition in all outputs, +5V output is between 4.98V and 5.02V, +3.3V is between +3.25V and +3.35V. All other outputs are within their specified voltage accuracy ranges
- ***Ripple and Noise:** Peak to peak ripple and noise for +5V and +3.3V outputs are < 60mV, and < 120mV for -5V, +12V, and +5Vsb outputs
- ***Line Regulation:** < +/-1% for +5V, +12V, -12V, and +5Vsb outputs. +3.3V is +/-2%
- ***Hold Up Time:** > 16ms at 115VAC or 230VAC input and max. load measured from the last AC line charging pulse to the point when +5V drops down to +4.75V
- ***Output Power:** Total DC continuous power is within 400W at < 30°C ambient temperature
- ***Power Good Signal:** Signal goes high from 100~500ms after all output DC voltages are within regulation limits
- ***Power Redundancy:** This power supply has power redundant capability
- ***Efficiency:** 65% typical, measured at nominal line and rated load
- ***Protection:** Built-in over voltage protection circuit. Trip point between 5.7~7.0V AC line off and on cycle for over voltage protection recovery latch off mode against short circuit or over load conditions
- ***Dimensions:** 19.2 x 16.8 x 22.0 cm

Safety Standards

- ***Safety:** UL 1950 / CSA 1402C & CSA 950 / TUV EN60950
- ***Earth Continuity Resistance:** FG to HG > 0.01 ohm11
- ***EMI:** FCC part 15 class B rules VDE

Output Voltage	Min. Load	Rated Load	Max. Load	Voltage Accuracy
+5V	7A	25A	36A	4.75~5.25V
+12V	2.5A	16A	17A	11.4~12.9V
-12V	0A	0.8A	0.8A	-11.30~-12.6V
-5V	0A	0.8A	0.8A	-4.65~-5.25V
+3.3V	3A	20A	25A	3.15~3.45V
+5Vsb	0.1A	0.75A	2A	4.8~5.2V