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RHH-6460P Redundant High Performance Power Supply



The RHH-6460 P is a high-performance dual-redundant Power Supply in mission critical applications. Its AT-Formfaktor allows to use it in PC-based Server Systems which do not tolerate downtime.

Input Voltage : 100 – 240 VAC (+/- 10%)
Input Frequency: 47-63 Hz
Input Power : 2.5/1.5A per Unit in parallel Mode,
7.0/ 4.0A in single Mode

OUTPUT CHARACTERISTICS:

OUTPUT VOLTAGE	OUTPUT CURRENT		REGULATION		OUTPUT RIPPLE & NOISE MAX. (P-P)
	MIN.[A]	MAX.[A]	LOAD	LINE	
+5V	5.0	40	±5%	±1%	60mV
-5V	0.0	0.8	±5%	±1%	100mV
+12V	2.5	27	±5%	±1%	100mV
-12V	0.0	1.0	±6%	±1%	100mV
+3.3V	0.0	30	±5%	±1%	60mV
+5VSB	0.0	2.0	±7%	±1%	60mV

SPECIFICATION:

- **TEMPERATURE RANGE:** Operating 0 Degr. C 40 Degr.C
Non Operating -20 Degr.C 80 Degr.C
- **HUMIDITY :** 10 ~ 90% non Condensing
- **HOLD UP TIME:** 16 ms Minimum at full Load & normal Input Voltage
- * **DIELECTRIC WITHSTAND:** Input/Output 1500 VAC for 1 Sec.
- * **INPUT TO FRAME GROUND :** 1500 VACfor 1 Sec.
- **EFFICIENCY:** 71% typical , at full Load 115VAC
- **POWER GOOD SIGNAL:** On-Delay : 100 ms - 500 ms, Off-Delay 1 ms
- **OVER LOAD PROTECTION:** 110 ~150% max.
- **OVER CURRENT PROTECTION:** +5V: 44A ~ 60A, 3.3V:33A ~ 45A , 12 V: 27.5 ~37,5 A
- **OVER VOLTAGE PROTECTION:** +5V: 5.7 ~ 6.5V, 3.3V: 3.9 ~ 4.3V , 12V: 13.6 ~15V
- **SHORT CIRCUIT PROTECTION:** Shutdow & Latch

- **REMOTE ON / OFF CONTROL**
- **EMI :** Meets FCC Class B, CISPR22 Class B
- **Standards :** UL 1950, CSA 22.2 NO/ 950, TUV IEC 950
- **IEC-1000-3-2 CLASS D (ACTIVE PFC)**
- **COOLING:** Two 80mm DC ball bearing Fans
- **DIMENSION:** 334 x 95 x 180 mm (Wx H x D)

(RHH-6460P3: cable connector support **Dual Intel Xeon SuperMicro** P4DC6 M/B(Intel))