

INPUT CHARACTERISTICS:**MDN1-6230F**

- VOLTAGE: 42 – 56 VDC
- INPUT CURRENT: 9.0A MAX.
- INRUSH CURRENT: 10A MAX.

OUTPUT CHARACTERISTICS:

OUTPUT VOLTAGE	OUTPUT CURRENT		REGULATION		OUTPUT
	MIN. [A]	MAX. [A]	LOAD	LINE	RIPPLE & NOISE MAX. [P-P]
5V	2.5	20	± 5%	± 1%	50mV
12V	0.5	8	± 6%	± 1%	100mV
-5V	0	0.5	±10%	± 1%	100mV
-12V	0	0.5	± 10%	± 1%	120mV
3.3V	0	10	± 5%	± 1%	50mV
+5VSB	0	1.2	± 5%	± 1%	50mV

REMARKS: MAX. TOTAL OUTPUT OF +5V AND +3.3V NOT EXCEED 133W
 MAX. TOTAL OUTPUT POWER: 230W

SPECIFICATION:

- TEMPERATURE RANGE: OPERATING 0 --- 50
- DIELECTRIC WITHSTAND: INPUT / OUTPUT 1500 VAC FOR 1 SECOND
 INPUT TO FRAME GROUND 1500 VAC FOR 1 SECOND
- EFFICIENCY: 66% TYPICAL
- POWER GOOD SIGNAL: ON DELAY 100 ms TO 500 ms, OFF DELAY 1 ms
- OVER LOAD PROTECTION: 130 +/- 20%
- OVER VOLTAGE PROTECTION: **+5V → 5.74V ~ 7V, 12V → 14.3V ~ 15.6V**
- SHORT CIRCUIT PROTECTION: **Shut down and latch off**
- EMI NOISE FILTER: FCC CLASS B, CISPR22 CLASS B
- SAFETY: MEET UL 1950, CSA 22.2 MP/ 950, TÜV IEC 950
- REMOTE ON / OFF CONTROL
 THE UNIT SHALL ACCEPT A LOGIC OPEN COLLECTOR LEVEL WHICH WILL DISABLE / ENABLE ALL THE OUTPUT VOLTAGE (EXCLUDE +5V STANDBY), AS LOGIC LEVEL IS LOW, OUTPUTS VOLTAGE WERE ENABLE, AS LOGIC LEVEL IS HIGH, OUTPUTS VOLTAGE WERE DISABLE.
- N + 1 REDUNDANCY FUNCTION
- HOT-SWAPPABLE FUNCTION
- CURRENT / BALANCE LOAD SHARING DESIGN
- 3.3V / 5V REMOTE SENSING
- ISOLATION: BUILT-IN IN POWER MODULE
- COOLING: TWO 40mm DC FANS & CHASSIS COOLING
- DIMENSION: 160 (D) x 142 (W) x 42.5 (H) mm
- CONNECTION: 48 PINS CONNECTOR (EPT PART NO. 109-40064 OR EQUIVALENT)