

Output module specifications

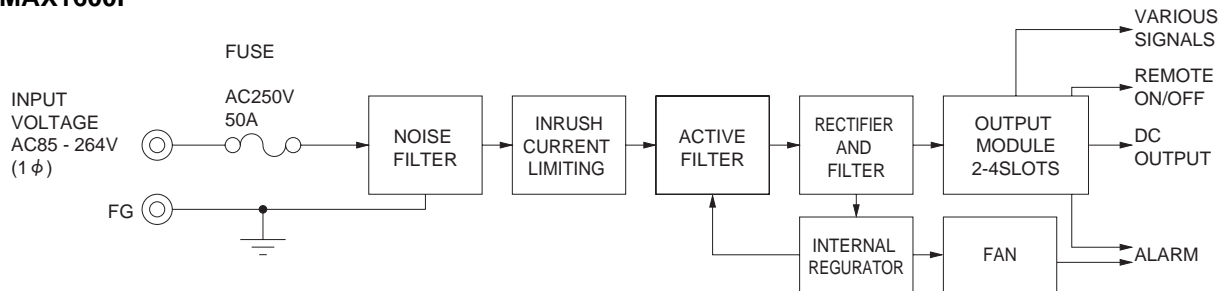
ITEM	CODE	A	B	C	D	E	F	G	H	I	O
Number of slots used		1	1	1	1	1	1	1	1	1	1
VOLTAGE[V]		2	3.3	5	7.5	12	15	18	24	28	BLANK PANEL
CURRENT[A]		80	80	80	54	34	27	22	17	14.5	
LINE REGURATION[mV]max		20	20	20	30	48	60	72	96	112	
LOAD REGURATION[mV]max		40	40	40	60	100	120	150	150	180	
RIPPLE [mV]max	0 to +50°C*1	80	80	80	120	120	120	120	120	120	
	-20 to 0°C*1	140	140	140	160	160	160	160	160	160	
RIPPLE NOISE [mV]max	0 to +50°C*1	120	120	120	150	150	150	150	150	150	
	-20 to 0°C*1	160	160	160	180	180	180	180	180	180	
TEMPRATURE COEFFICIENT[mV]max	0 to +50°C	40	40	50	75	120	150	180	240	280	
	-10 to +50°C	60	60	75	120	180	225	270	360	420	
DRIFT[mV]max	*2	12	12	20	30	48	60	72	96	112	
OUTPUT VOLTAGE SETTING[V]		2.00 - 2.06	3.30 - 3.40	5.00 - 5.15	7.50 - 7.80	12.00 - 12.48	15.00 - 15.60	18.00 - 18.72	24.00 - 24.96	28.00 - 29.12	
OUTPUT VOLTAGE ADJUSTMENT RANGE[V]		1.98 - 2.20	2.64 - 3.63	4.00 - 5.50	6.00 - 8.25	9.60 - 13.20	12.00 - 16.50	14.40 - 19.80	19.20 - 26.40	22.40 - 30.80	
OVERCURRENT PROTECTION		Works over 105% of rated current automatic recovery									
OVERVOLTAGE PROTECTION[V]		4.00 - 5.50	4.00 - 5.50	5.75 - 7.00	8.63 - 10.50	13.80 - 16.80	17.25 - 21.00	20.70 - 25.20	27.60 - 33.60	32.20 - 39.20	
OUTPUT CURRENT IN PARALLEL[A] *3	TWO MODULES IN PARALLEL	144	144	144	97	61	49	40	31	26	-
	THREE MODULES IN PARALLEL	216	216	216	146	92	73	60	46	40	-
	FOUR MODULES IN PARALLEL	300	300	300	195	125	100	80	63	54	-
	FIVE MODULES IN PARALLEL	360	360	360	243	153	122	100	77	66	-
	SIX MODULES IN PARALLEL	444	444	444	292	196	149	120	92	80	-
	SEVEN MODULES IN PARALLEL	516	516	516	341	217	173	140	107	94	-
	EIGHT MODULES IN PARALLEL	600	600	600	390	250	200	160	127	108	-

MAX

- \*1 Measured by 20MHz oscilloscope or Ripple-Noise meter (Equivalent to KEISOKU-GIKEN : RM101).  
Ripple and Ripple Noise is measured by using measuring board with capacitor of 470 μF between 20mm to 100mm from the output terminal.
- \*2 Drift is change in DC output for an eight hour period after a half-hour warm-up at 25°C, with the input voltage held constant at the rated input/output.
- \*3 Modularity in parallel are built to order and are not possible for the user to assemble them.

Block diagram

● MAX1600F



● MAX1600T / MAX3200T

