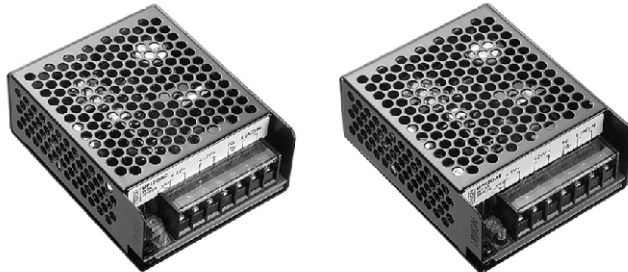


15D Series

15W DUAL OUTPUT



- ▶ Constant voltage design
- ▶ Wide input range
- ▶ Protection : Over load /Over voltage/Short circuit
- ▶ 100% full load burn-in test
- ▶ Suitable for industrial applications
- ▶ Safety standards : EN60950-1
- ▶ 3years warranty



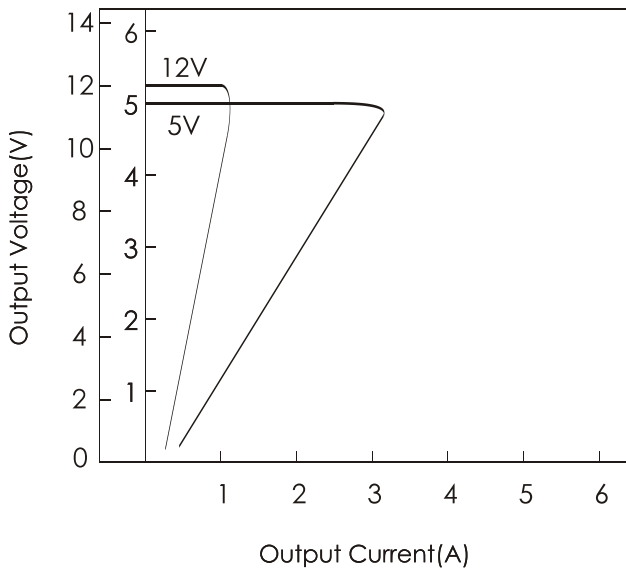
SPECIFICATIONS

Item		UP15DAC	UP15DAD	UP15DAE	UP15DBB	UP15DCC	UP15DDD						
INPUT	VOLTAGE	AC85~264V						0.4A typ (ACIN 110V, Io=100%) 0.2A typ (ACIN 220V, Io=100%)					
	FREQUENCY	50/60Hz(47~63Hz)											
	EFFICIENCY	70% Typ	70% Typ	70% Typ	70% Typ	70% Typ	70% Typ						
	INRUSH CURRENT	20A Typ(ACIN 110V, Io=100%)/40A Typ(ACIN 220V, Io=100%) at cold start											
OUTPUT	VOLTAGE [V]	5	12	5	15	5	24	9	9	12	12	15	15
	CURRENT [A]	2.0	0.5	2.0	0.4	1.5	0.3	1.2	0.5	0.7	0.5	0.5	0.5
	LINE REGULATION (Max)[mV]	25	60	25	75	25	120	45	45	60	60	75	75
	LOAD REGULATION (Max)[mV]	50	120	50	150	50	240	90	90	120	120	150	150
	RIPPLE (Max)[mVp-p]	50	120	50	150	50	240	90	90	120	120	150	150
	RIPPLE NOISE (Max)[mVp-p]	100	170	100	200	100	290	140	140	170	170	200	200
	TEMPERATURE DRIFT,0-50°C (Max)[mV]	50	120	50	150	50	240	90	90	120	120	150	150
	RISE TIME [msec]	100 Max (ACIN 85V, Io=100%)											
HOLDING TIME [msec]	10 Typ(ACIN 85V, Io=100%)												
PROTECTION	OVER CURRENT PROTECTION	Works at over 110% of rating and recovers automatically											
	OVER VOLTAGE PROTECTION	Works at 115~140% of rating											
ISOLATION	INPUT-OUTPUT	AC3,000V for 1 minute, DC500V 100Mohm (At room temp. & humid.)											
	INPUT-CASE, FG	AC1,500V for 1 minute, DC500V 100Mohm (At room temp. & humid.)											
	OUTPUT-CASE	AC500V for 1 minute, DC500V 100Mohm (At room temp. & humid.)											
ENVIRONMENT	OPERATING TEMP. & HUMID.	-10~+60°C (refer to "DERATING CURVE"),20~90%RH											
	STORAGE TEMP. & HUMID.	-10~+75°C,20~90%RH											
	VIBRATION	10~55Hz at 1G 3 minutes period, 30 minutes along X, Y and Z axis											
	IMPACT	10G for 20 msec, Once on each X, Y and Z axis											

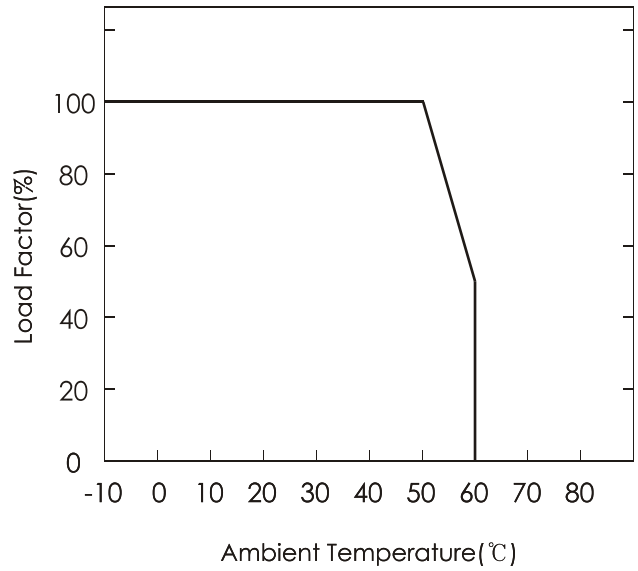
Characteristic curve

*(UP15DAC MODEL)

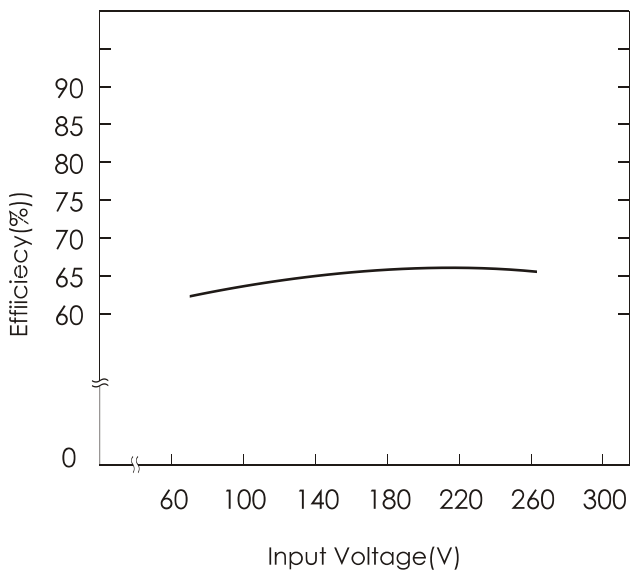
A. OVER CURRENT CHARACTERISTICS



B. DERATING CHARACTERISTICS



C. EFFICIENCY CHARACTERISTICS



D. RISING/FALLING TIME CHARACTERISTICS

