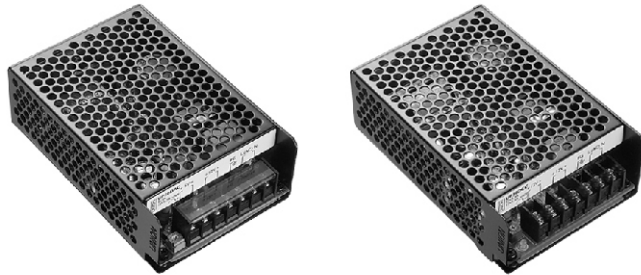


30D Series

30W 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



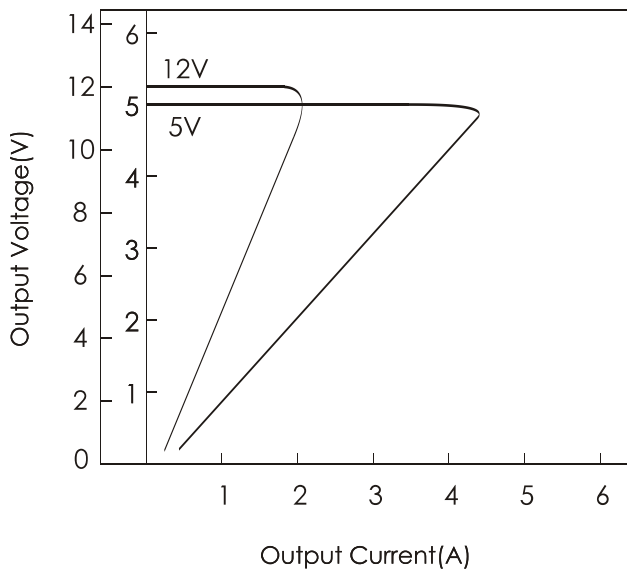
SPECIFICATIONS

Item		UP30DAA	UP30DAC	UP30DAE	UP30DCC	UP30DDD	UP30DCA	UP30DEA								
INPUT	VOLTAGE	AC85~264V										0.7A typ (ACIN 110V, Io=100%) 0.35A typ (ACIN 220V, Io=100%)				
	FREQUENCY	50/60Hz(47~63Hz)														
	EFFICIENCY	80% Typ	80% Typ	80% Typ	80% Typ	80% Typ	80% Typ	80% Typ	80% Typ							
	INRUSH CURRENT	20A Typ(ACIN 110V, Io=100%)/40A Typ(ACIN 220V, Io=100%) at cold start														
OUTPUT	VOLTAGE [V]	5	5	5	12	5	24	12	12	15	15	12	5	24	5	
	CURRENT [A]	5.0	1.0	3.0	1.2	3.0	0.6	1.2	1.2	1.0	1.0	2.0	1.2	1.0	1.2	
	LINE REGULATION (Max)[mV]	25	25	25	60	25	120	60	60	75	75	60	25	120	25	
	LOAD REGULATION (Max)[mV]	50	50	50	120	50	240	120	120	150	150	120	50	240	50	
	RIPPLE (Max)[mVp-p]	50	50	50	120	50	240	120	120	150	150	120	50	240	50	
	RIPPLE NOISE (Max)[mVp-p]	100	100	100	170	100	290	170	170	200	200	170	100	290	100	
	TEMPERATURE DRIFT,0-50°C (Max)[mV]	50	50	50	120	50	240	120	120	150	150	120	50	240	50	
	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														

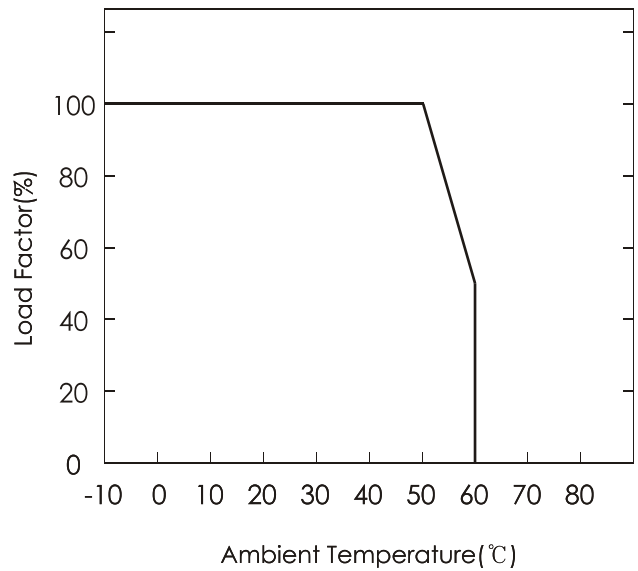
Characteristic curve

*(UP30DAC MODEL)

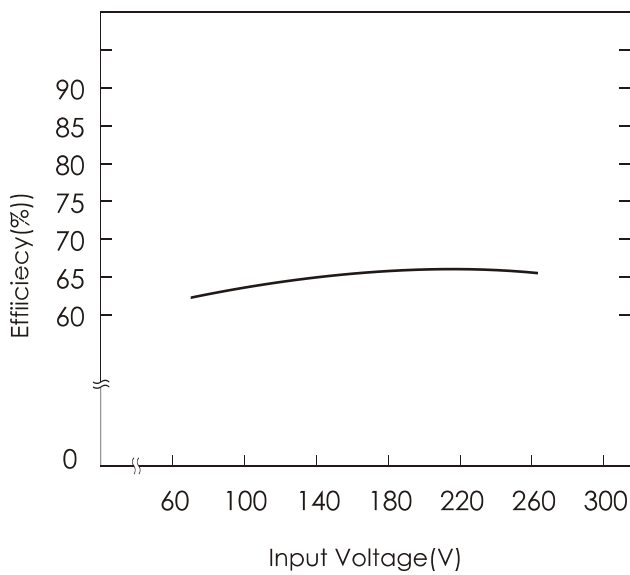
A. OVER CURRENT CHARACTERISTICS



B. DERATING CHARACTERISTICS



C. EFFICIENCY CHARACTERISTICS



D. RISING/FALLING TIME CHARACTERISTICS

