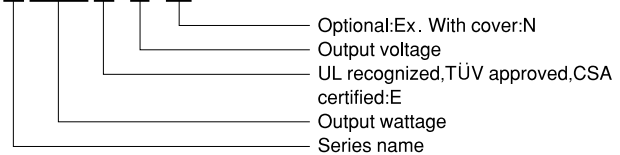


- Small size
- User selectable input voltage (AC 85~132V/AC 170~264V)
- Built-in inrush current, overcurrent and overvoltage protection circuits
- UL recognized, TÜV approved, CSA certified
- Three-year warranty

ORDERING INFORMATION

P100E-5-



SPECIFICATIONS

★ marked models are pending for safety approvals. Consult with us for delivery.

	MODEL	P100-5	★ P100-9	P100-12	P100-15	★ P100-18	P100-24	★ P100-30	★ P100-48	
INPUT	VOLTAGE/ CURRENT	AC85~132V / 170~264V 1φ User select			/ 2.2A typ (ACIN 100V, lo=100%) 1.2A typ (ACIN 200V, lo=100%)		※1			
	FREQUENCY	47~440Hz								
	INRUSH CURRENT	15A typ (ACIN 100V) 30A typ (ACIN 200V) (lo=100%)								
	EFFICIENCY	78%typ	78%typ	80%typ	82%typ	82%typ	84%typ	78%typ	84%typ	
OUTPUT	VOLTAGE [V]	5	9	12	15	18	24	30	48	
	CURRENT [A]	20	11.2	8.5	7	5.6	4.5	3.3	2.1	
	OUTPUT WATTAGE [W]	100	100.8	102	105	100.8	108	99	100.8	
	LINE REGULATION [mV]	20max	36max	48max	60max	72max	96max	120max	192max	
	LOAD REGULATION [mV]	40max	72max	100max	120max	150max	150max	180max	384max	
	RIPPLE [mVp-p]※2	80max	120max	120max	120max	120max	120max	120max	150max	
	RIPPLE NOISE [mVp-p]※2	120max	150max	150max	150max	250max	150max	150max	250max	
	TEMPERATURE REGULATION [mV] 0-50°C	50max	90max	120max	150max	180max	240max	300max	480max	
	OUTPUT VOLTAGE ADJUSTMENT RANGE	±10%								
	START-UP TIME [ms]	200max (ACIN 85V, lo=100%)								
HOLD-UP TIME [ms]	15typ (ACIN 85V, lo=100%) 25typ (ACIN 100V, lo=100%)									
PROTECTION CIRCUIT	OVERCURRENT PROTECTION	Works over 105% of rating and recovers automatically.								
	OVERVOLTAGE PROTECTION	Works at 115~140% of rating								
ISOLATION	INPUT-OUTPUT	AC3,000V, 1minute, DC500V, 50MΩmin (At Room Temperature)								
	INPUT-FG	AC2,000V, 1minute, DC500V, 50MΩmin (At Room Temperature)								
	OUTPUT-FG	AC 500V, 1minute, DC500V, 50MΩmin (At Room Temperature)								
ENVIRONMENT	OPERATING TEMP. HUMID. AND ALTITUDE	-10~+65°C, 30~90%RH (Non condensing) (Refer to DERATING CURVE) , 3,000m (10,000feet) max								
	STORAGE TEMP. HUMID. AND ALTITUDE	-20~+75°C, 20~90%RH (Non condensing) , 9,000m (30,000feet) max								
	VIBRATION	10~55Hz, 19.6m/s ² (2G), 3 minutes period, 30 minutes along X, Y and Z axis								
	IMPACT	196.1m/s ² (20G), 11ms, once each X, Y and Z axis								
SAFETY AND NOISE REGULATIONS	AGENCY APPROVALS	UL 1950, EN60950, VDE0160, CSA C22.2 No.234 Complies with DENTORI and IEC60950								
	CONDUCTED NOISE	Complies with FCC-A								

※1 The input current of the agency approved unit is indicated as 2.5A (ACIN100V) or 1.5A (ACIN200V).
 ※2 According to 15MHz oscilloscope or Ripple-Noise meter (equivalent to KEISOKU-GIKEN : RM101).
 ※ Derating is required when operated with case cover.
 ※ Parallel operation with other model is not possible.