



- ① Series name
- ② Output wattage
- ③ UL recognized, TÜV approved, CSA certified: E
- ④ Output voltage
- ⑤ Optional
C : with Coating

MODEL	P1500E-5	P1500E-9	P1500E-12	P1500E-15	P1500E-18	P1500E-24	P1500E-30	P1500E-48
MAX OUTPUT WATTAGE[W]	1500	1503	1500	1500	1512	1560	1500	1536
DC OUTPUT	5V 300A	9V 167A	12V 125A	15V 100A	18V 84A	24V 65A	30V 50A	48V 32A

SPECIFICATIONS

	MODEL	P1500E-5	★P1500E-9	P1500E-12	P1500E-15	★P1500E-18	P1500E-24	★P1500E-30	★P1500E-48	
INPUT	VOLTAGE[V]	AC85 - 132 / 170 - 264 1φ (User-selectable) or DC220 - 370								
	CURRENT[A]	ACIN 100V *1	29typ (Io=100%)							
		ACIN 200V *1	18typ (Io=100%)							
	FREQUENCY[Hz]	47 - 440								
	EFFICIENCY[%]		78typ	78typ	81typ	81typ	81typ	83typ	83typ	80typ
	INRUSH CURRENT[A]	ACIN 100V	25/150typ (Io=100%) (Primary inrush current /Secondary inrush current)							
ACIN 200V		50/150typ (Io=100%) (Primary inrush current /Secondary inrush current)								
OUTPUT	VOLTAGE[V]	5	9	12	15	18	24	30	48	
	CURRENT[A]	300	167	125	100	84	65	50	32	
	MAX OUTPUT WATTAGE[W]	1500	1503	1500	1500	1512	1560	1500	1536	
	LINE REGULATION[mV]	20max	36max	48max	60max	72max	96max	120max	192max	
	LOAD REGULATION[mV]	40max	100max	100max	120max	150max	150max	190max	300max	
	RIPPLE[mVp-p] *2	80max	120max	120max	120max	120max	120max	150max	150max	
	RIPPLE NOISE[mVp-p] *2	120max	150max	150max	150max	150max	150max	200max	400max	
	TEMPERATURE REGULATION[mV] 0 to +50°C	50max	90max	120max	150max	180max	240max	300max	480max	
	OUTPUT VOLTAGE ADJUSTMENT RANGE[V]	-20 to +10%								
	START-UP TIME[ms]	800max (ACIN 85/170V, Io=100%)								
HOLD-UP TIME[ms]	10typ (ACIN 85/170V, Io=100%) 20typ (ACIN 100/200V, Io=100%)									
PROTECTION CIRCUIT	OVERCURRENT PROTECTION	Works over 105% of rating								
	OVERVOLTAGE PROTECTION	Works at 115 - 140% of rating								
ISOLATION	INPUT-OUTPUT · RC	AC3,000V 1minute, Cutoff current = 10mA, DC500V 50MΩmin (At Room Temperature)								
	INPUT-FG	AC2,000V 1minute, Cutoff current = 10mA, DC500V 50MΩmin (At Room Temperature)								
	OUTPUT · RC-FG	AC500V 1minute, Cutoff current = 100mA, DC500V 50MΩmin (At Room Temperature)								
	OUTPUT-RC	AC100V 1minute, Cutoff current = 100mA, DC100V 50MΩmin (At Room Temperature)								
ENVIRONMENT	OPERATING TEMP., HUMID. AND ALTITUDE	-10 to +60°C, 30 - 90%RH (Non condensing) (Refer to DERATING CURVE), 3,000m (10,000feet) max								
	STORAGE TEMP., HUMID. AND ALTITUDE	-20 to +75°C, 20 - 90%RH (Non condensing), 9,000m (30,000feet) max								
	VIBRATION	10 - 55Hz, 19.6m/s ² (2G), 3minutes period, 30minutes each 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	UL1950, EN60950, VDE0160, CSA C22.2 No.234 Complies with DEN-AN and IEC60950								
	CONDUCTED NOISE	Complies with FCC-A								

*1 The input current of the agency approved unit is indicated as 27A (ACIN 100V) or 17A (ACIN 200V).
 *2 According to 15MHz oscilloscope or Ripple-Noise meter (equivalent to KEISOKU-GIKEN : RM101).
 ★marked models are pending for safety approvals. Consult with us for delivery.