Features:

- Universal AC input 90~264VAC
- Built–in active PFC function, high efficiency
- Protections: Short circuit / Overload / Over voltage / Over temperature
- Fanless and conduction cooled design
- Low profile 41mm
- Remote control/DC OK/PV/PC/remote sense
- Redundant (for ULP–1000R)
- 100% full load burn–in test
- LED indicator for power on
- With 75W auxiliary power which was isolated with main output
- 5 years warranty
- Compliance to IEC/EN/UL 62368–1

Specification

MODEL		ULP–1000–12	ULP–1000–15	ULP–1000–24	ULP–1000–36	ULP–1000–48
INPUT	VOLTAGE RANGE	90～264VAC 127～370VDC(refer to 'static characteristic')				
	FREQUENCY RANGE	47～63Hz				
	POWER FACTOR(Typ.)	PF>0.95/230VAC PF>0.99/115VAC at full load				
	EFFICIENCY(Typ.)	92%	93%	94%	94%	94%
	AC CURRENT(Typ.)	12A/115VAC 6A/230VAC				
	INRUSH CURRENT(Typ.)	20A/115VAC 40A/230VAC (cold start)				
	LEAKAGE CURRENT	<0.75mA/240VAC				
OUTPUT	DC VOLTAGE	12V	15V	24V	36V	48V
	RATED CURRENT	80A	64A	42A	28A	21A
	CURRENT RANGE	0～80A	0～64A	0～42A	0～28A	0～21A
	RATED POWER	960W	960W	1008W	1008W	1008W
	RIPPLE&NOISE (max.)	150mVp–p	150mVp–p	240mVp–p	240mVp–p	300mVp–p
	VOLTAGE ADJ.RANGE	6～14.4V	14.3～15.8V	12～28.8V	18～43.2V	24～57.6V
	VOLTAGE TOLERANCE	±1%	±1%	±1%	±1%	±1%
	LINE REGULATION	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
	LOAD REGULATION	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
	SETUP, RISE TIME	1000ms,50ms/230VAC 1000ms,50ms/115VAC				
	HOLD UP TIME(Typ.)	8ms/230VAC 8ms/115VAC				
PROTECTION	OVER LOAD	105%～120% rated output power				
		Protection type: constant current>2s, then Shutdown, recovers automatically after repower on				
	OVER VOLTAGE	15～18V	16.5～19.5V	27.6～32.4V	39.6～46.8V	56.6～66.2V
		Protection type: Shutdown, recovers automatically after repower on				
	OVER TEMPERATURE	Protection type: Shutdown, recovers automatically after temperature goes down				
FUNCTION	FAN ON/OFF CONTROL(Typ.)	NA				
	REMOTE CONTROL(CN1)	Power on: voltage between RC+ and RC– is 0~0.8V; Power off: voltage between RC+ and RC– is 4~10V				
	DC OK	Voltage between DC OK and VO– goes high after power set up; The voltage goes low when Vo below 80% of adj. voltage value. Internal pull–up voltage is 5.7V, internal pull–up resistor is 100Ω				
	OUTPUT VOLTAGE PROGRAMMABLE(PV)	Adjustment of output voltage is allowable to 50~120% of nominal output voltage When users use PV function, CN3 should not be shorted by jumper. Refer to the Function Manual.				
	OUTPUT CURRENT PROGRAMMABLE(PC)	Adjustment of constant current level is allowable to 20~100% of rated current. When users use PC function, CN4 should not be shorted by jumper. Refer to the Function Manual.				
	REMOTE SENSE	Compensate voltage drop on the load wiring up to 0.3V. Refer to the Function Manual.				
	AUXILIARY POWER	With 75W auxiliary power which was isolated with main output, 24V/3.13A tolerance±2% The auxiliary power output voltage also can be customized.				
	REDUNDANT(ULP–1000R)	For parallel connection protection: For parallel applications, when one PSU cannot work, the another one will be automatically enabled. This can prevent the system crash, and provide the reliability of system				
ENVIRONIMENT	WORKING TEMP., HUMIDITY	–30～+70℃ (Refer to "Derating curve") , 20～90%RH non–condensing				
	STORAGE TEMP., HUMIDITY	–40～+85℃, 10～95%RH				
	TEMP. COEFFICIENT	±0.03%/℃ (0～50℃)				
	VIBRATION	10～500Hz, 2G 10min./1 cycle, each along X、Y、Z axes				