

ADPV58A (12V/4A)

SPECIAL FEATURES	
※ Universal AC input	※ High efficiency
※ Low output ripple	※ Built-in EMI filter
※ Short circuit protection	※ Over load protection

INPUT	
Input range	85 ~ 264 VAC
Input frequency	47 ~ 63 Hz
Inrush current	< 20A at 115VAC; < 40A at 230VAC; cold start at 25°C
Input current	3.0A Max
Leakage current	< 1.5 mA at 50/60 Hz 264VAC input

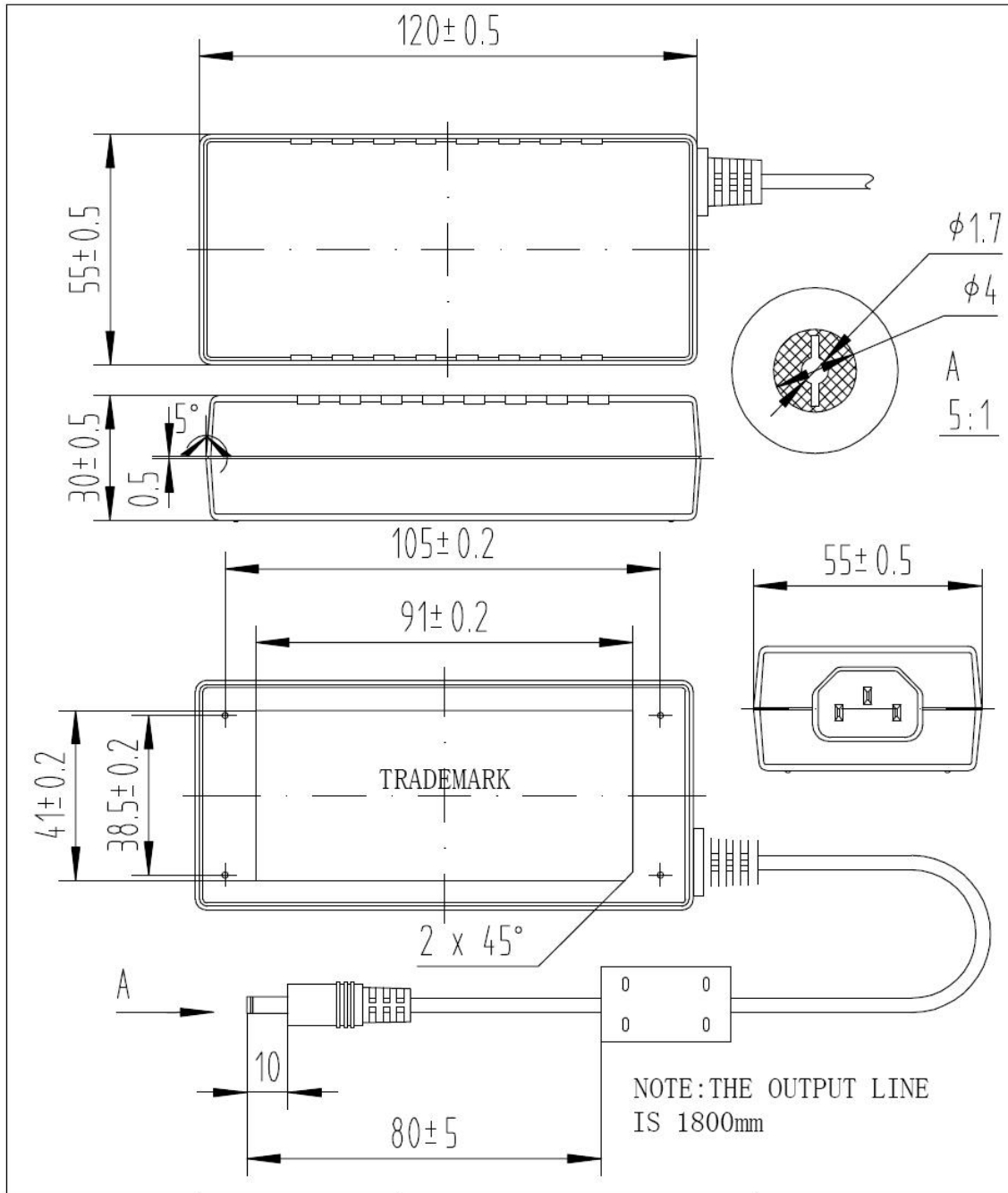
OUTPUT	
Rated output power	48 Watts
Output voltage	12 V ± 4% (11.52V ≤ V _{output} ≤ 12.50V)
Output current	4 A
Output load efficiency	≥ 80% at 90VAC full load; ≥ 80% at 264VAC full load
Max power	48 Watts for convection
Adjustment range	fixed
Hold-up time	30 ms at full load and 230 VAC nominal line
OL protection	96% to 104% above peak rating
Ripple & noise	≤ 200mV at rated load
EMI test	EN55022、CLASSB、FCC CLASSB、EN6100-3-2.3

ISOLATION	
Input to output	AC3.0 KV/1 min.
SAFETY APPROVAL	
CE CCC FCC	

ENVIRONMENTAL	
Operating temp.	0 °C to 50 °C ambient derate each output at 4.0% per degree from 50 °C to 60 °C
Storage temp.	- 40 °C to 85 °C
Operating humidity	5% to 95% (non-condensing)
MTBF	100,000 hours at full load and 25 °C ambient conditions (demonstrated)
Size	120 × 55 × 30

Special specification can be provided on customer' s request

OUTSIDE FRAME DRAWING



DESIGN		ADPV58					HGPOWER				
CHECK											
DATE		REJIGGER	AMOUNT	CHANGE NUM.	SIGN	DATE	SCALE	MARK	PAGE	TOTAL WEIGHT	RATE
STANDARDZIATION											
APPROVE											1:2