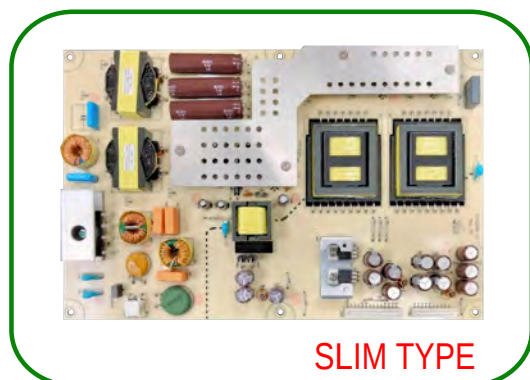


HSM300B series 300W

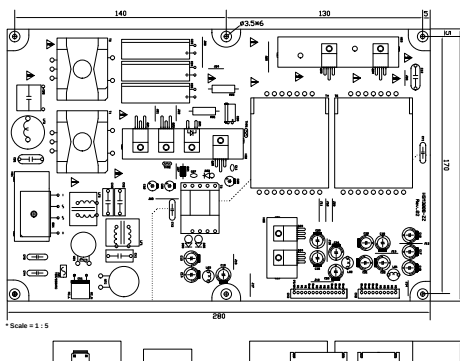
TV Power Supply

MULTIPLE OUTPUT



MECHANICAL DRAWING

• Dimension : L 280x W180 x H15.9mm



CONNECTOR

• AC input : CN1

Connector type : M3-I39606RS

Pin No.	Symbol	Description
1	AC_L	AC Input Voltage,Line
2	N/C	N/C
3	AC_N	AC Input Voltage,Neutral

• DC output : CN2

Connector type : M10-I25002

Pin No.	Symbol	Description
1	GND	Ground
2	GND	Ground
3	GND	Ground
4	GND	Ground
5	GND	Ground
6	+24V	DC Output Voltage
7	+24V	DC Output Voltage
8	+24V	DC Output Voltage
9	+24V	DC Output Voltage
10	+24V	DC Output Voltage

• DC output : CN3

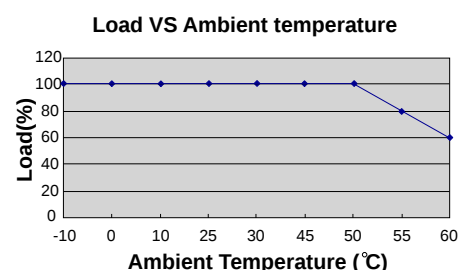
Connector type : M14-I25002

Pin No.	Symbol	Description
1	PS-ON	PS On-Off
2	+5Vsb	DC Output Voltage
3	+5Vsb	DC Output Voltage
4	+5Vsb	DC Output Voltage
5	GND	Ground
6	GND	Ground
7	+12V	DC Output Voltage
8	+12V	DC Output Voltage
9	+12V	DC Output Voltage
10	+12V	DC Output Voltage
11	GND	Ground
12	GND	Ground
13	GND	Ground
14	GND	Ground

SPECIFICATION

MODEL NAME		HSM300B-M1		
Input	Voltage	90VAC ~ 264VAC		
	Frequency(Hz)	47Hz ~ 63Hz		
	Inrush current	< 4A(110VAC), < 2A(230VAC)		
Output	Power factor correction	> 0.9 at full load		
	Power saving(Remote off)	< 0.2W at 230Vac		
	Voltage	+5Vsb	+12V	+24V
	Current(Mode-1)	2A	6A	9A
	Current(Mode-2)	2A	4A	10A
	Voltage tolerance	±5%		
	Ripple & Noise	100mV	240mV	480mV
	Max. output power	298W		
	Efficiency	> 86%		
	Hold up time	≥ 8ms @115Vac		
	Rise time	> 1ms < 50ms		
Protection	Over current	Auto-recovery mode		
	Over voltage	Latch mode		
	Over temperature	Latch mode		
Environment	Operating temperature	-10°C ~ +50°C		
	Storage temperature	-40°C ~ +70°C		
	Humidity	10% ~ 95%		
	MTBF	>50,000hrs @ 25°C(MIL-HDBK-217F)		
EMI requirements		EN55022 class B, EN61000-4-2,4,5		
Safety meet requirements		UL62368-1, EN62368-1		
Dimension(L x W x H mm)		280 x 180 x 15.9 mm(max.)		
Power weight(N.W.)		572g ±2g		

DE-RATING CURVE



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