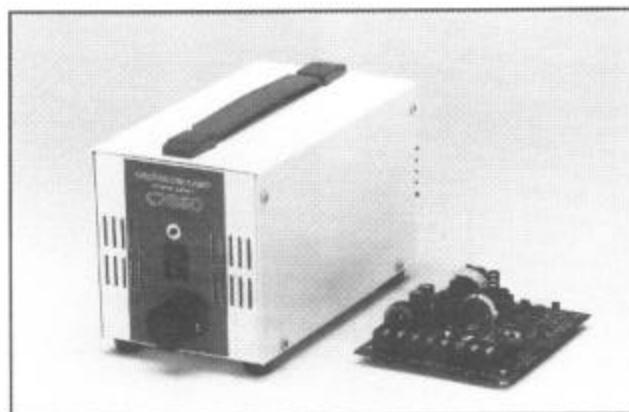


### POWER SUPPLY C7860/OEM POWER SUPPLY HC302

#### FEATURES

- Compact
- High Cost Performance
- Designed based on EN/UL standard (HC302)  
The C7860 designed based on EN standard only.
- Constant Current Power Supply



▲ Left: C7860, Right: HC302

#### SPECIFICATION

Parameter			C7860	HC302	Unit
Input	Input Voltage		90 to 115 / 180 to 250 (ac)	24 ± 2.4 (dc)	V
	Input Current		2		A Max.
Output	Output Voltage	With Load	80		V dc Typ.
		Without Load	160		V dc Min.
	Output Current		300 ± 15		mA
	Current Fluctuation (p-p)		0.5		% Max.
	Current Drift at + 25 °C		±0.1		%/h Max.
	Heater Voltage	Output Voltage	See below		—
	Heater Current	Output Current	See below		—
	Warm-up Time		25 ± 5		s
	Trigger Voltage		600 ± 50		V peak
Ambient Temperature		Operation	0 to +40		°C
		Storage	-40 to +60		°C
Cooling		—		20 CFM of Forced Air Cooling	—
Dimensions ( W × H × D )		115 × 140 × 220		100 × 118 × 36.2	mm
Weight		2.7		0.17	kg

#### HEATER VOLTAGE AND CURRENT

Type Number	Warm-up		Operation		Applicable Lamps
	Voltage (V dc)	Current (A dc)	Voltage (V dc)	Current (A dc)	
C7860/HC302-2510	2.5 ± 0.15	4	1 ± 0.05	1.8	L6565, L7293, L7303, L6999, L7307, L7174
C7860/HC302-2517 <sup>Ⓐ</sup>	2.5 ± 0.15	4	1.7 ± 0.1	3.3	L7297, L7298, L6303, L6304, L7304, L7306
C7860/HC302-3000 <sup>Ⓐ</sup>	3 ± 0.15	5	0	0	L6566, L6305, L6306
C7860/HC302-1035 <sup>Ⓐ</sup>	10 ± 0.5	0.8	3.5 ± 0.2	0.3	L7291, L7294, L6307, L6308, L7292
C7860/HC302-1070	10 ± 0.5	1.2	7 ± 0.35	1	L7296, L7295, L6309, L6310
C7860/HC302-1555 <sup>Ⓐ</sup>	15 ± 0.75	0.5	5.5 ± 0.3	0.3	L6311, L6312

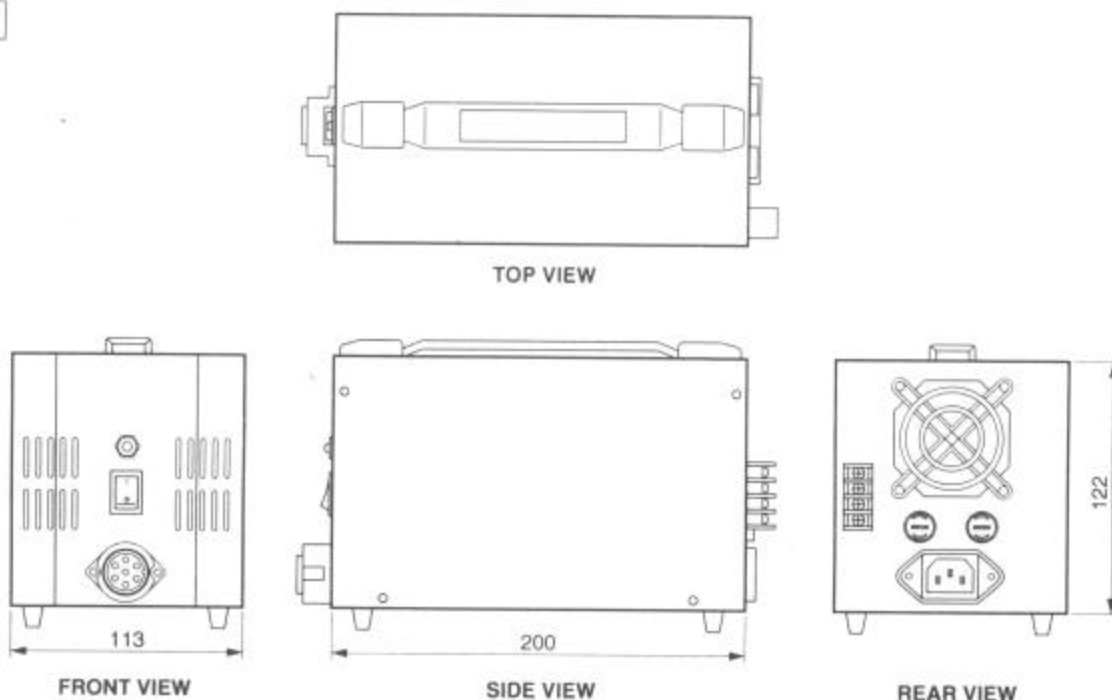
NOTE: <sup>Ⓐ</sup> C7860 series are manufactured only when the order is placed.

Subject to local technical requirements and regulations, availability of products included in this promotional material may vary. Please consult with our sales office.  
Information furnished by HAMAMATSU is believed to be reliable. However, no responsibility is assumed for possible inaccuracies or omissions. Specifications are subject to change without notice. No patent rights are granted to any of the circuits described herein. © 1999 Hamamatsu Photonics K.K.

# DEUTERIUM LAMP POWER SUPPLY C7860/HC302 SERIES

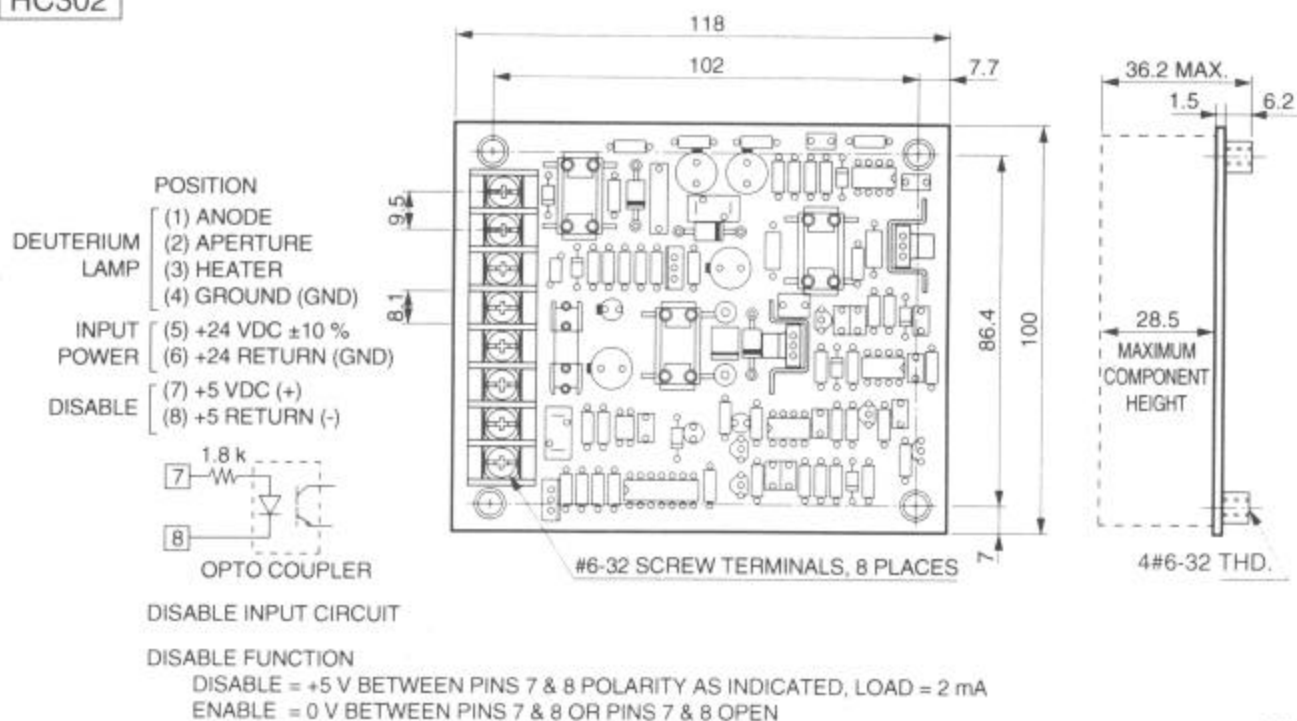
## ■ Dimensional Outline (Unit: mm)

C7860



TLS0A0067EA

HC302



TLS0A0067EA

## Precautions When Using Deuterium Lamps

1. High voltage is used to operate the lamp. Use extreme caution to prevent electric shocks.
2. The guarantee period will be one year after shipment. The area of guarantee is limited to replacement of the faulty lamp. Faults resulting from natural disasters and incorrect usage will also be excluded from guarantee.