

# Peltier Driver

Universal Power Supply

PLP-300W14A



Small

- DC Power Operation (CC ↔ CV)
- Digital PID Control
- NTC Thermistor / Pt Sensor
- Continuous-mode / Timer-mode
- Alarm & FAN power built in
- USB Interface
- Customization can be adapt

HEAT



Total  
Solution  
Laboratory

COOL

Electric Specification

◎Digital PID Control	
◎DC drive current(CC)	0.1 ~ 14.0 A
◎DC drive voltage(CV)	0.1 ~ 24.0 V
◎FAN power output	12V(fixed)、1A max

【Software】

Program driving  
 Temperature Tracing  
 Text output  
 with the exclusive application

Sensor

▪ Pt Sensor(3wire/2wire)	-40.0 ~ +100.0 °C
▪ Thermistor	-10.0 ~ +80.0 °C
▪ Resolution(Settings)	0.1 °C

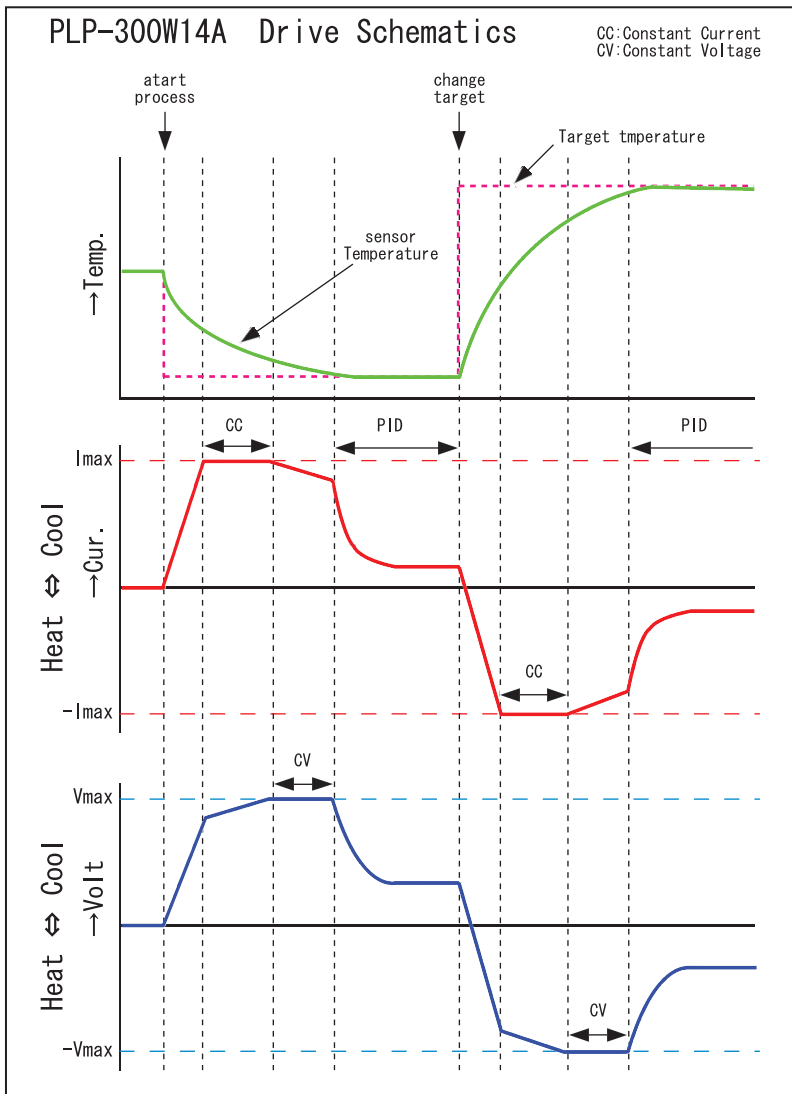
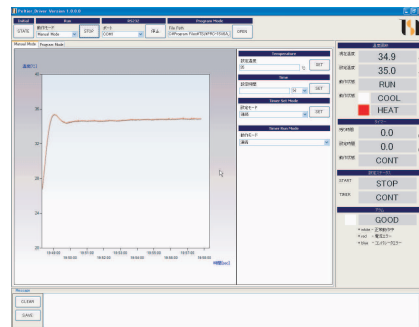
Standrd Function

▪ Timer Range	0.1 min ~999.9 min 0.1 hour~720 hour
▪ you can modify various parameters including PID.	

Alarm

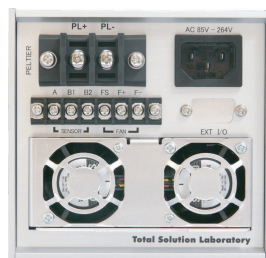
- Sensor Alarm
- FAN Alarm
- Peltier Alarm
- Powersupply Alarm

other function  
 ▪ Temp. monitoring



【Rear Panel】

The extra IO connector can be added.



- I/O connector (Option)
- RS-232 interface
  - Parallel I/O Port (2 inputs 2 outputs)
  - Sub thermo sensor

Product spec.

●Environment	10°C~40°C 5%~85%
●Profile	115mm (W) 120mm (H) 230mm (D)
●Weight	2.5kg
●Source	AC 85~264V
●Consumption	450VA max.

Price ¥180,000 (without TAX)

Accessories

- AC Power Cable
- Exclusive special Software (download from WEBSITE)

- may change specifications, the appearance of the product for improvement.
- Sensor type(NTC or Pt) and those parameters can be changed and set by user side freely.
- Custom product including the change of the setting temperature range is possible, too.
- please refer for the detail.



**Total Solution Laboratory**

T.S.Laboratory Corporation  
 Tokyo Japan

URL : <http://tslab.com>  
 TEL : 81-42-548-3755

