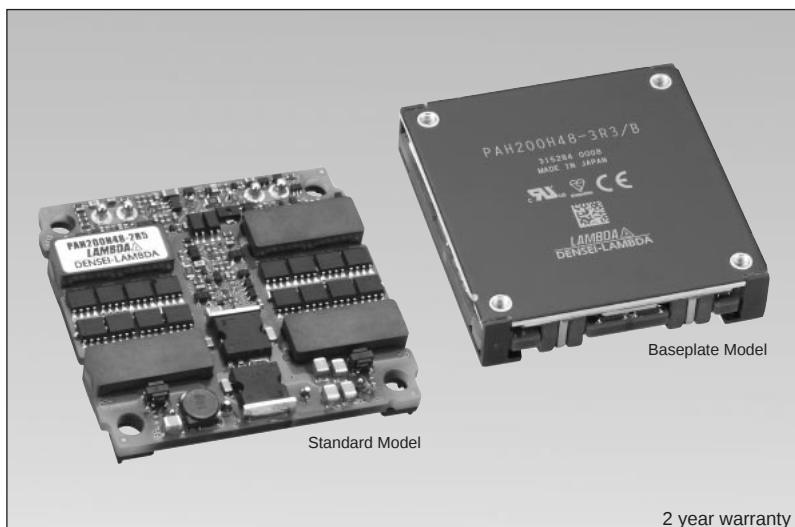




■ Model name

PAH 200 H 48-1R8/ 

| Series Name    | High Current | Rated input voltage | Rated output voltage | Option:                                                  |
|----------------|--------------|---------------------|----------------------|----------------------------------------------------------|
| Output Wattage |              |                     |                      | blank: On/Off control Negative logic<br>OVP manual reset |
|                |              |                     |                      | P: On/Off control Positive logic<br>OVP manual reset     |
|                |              |                     |                      | V: On/Off control Negative logic<br>OVP auto-recovery    |
|                |              |                     |                      | PV: On/Off control Positive logic<br>OVP auto-recovery   |
|                |              |                     |                      | B: Baseplate type                                        |
|                |              |                     |                      | C: 1 output terminal type                                |

## ■ Features

- Low output voltage and high current line-up:
- Low-profile type: 10.2mm high
- No need heat sinks: Convection cooling/ forced air cooling operation
- Wide range of operating temperature: -40°C to +85°C

## ■ Specifications

|                                         |                                                                                                                                                                                                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1. Input voltage range</b>           | 36 - 76VDC (100VDC, 100ms)                                                                                                                                                                                        |
| <b>2. Output voltage range</b>          | PAH200H48-2R5, PAH200H48-1R8:-20%, +10% PAH200H48-3R3: ± 15%                                                                                                                                                      |
| <b>3. Line regulation</b>               | 10mV                                                                                                                                                                                                              |
| <b>4. Load regulation</b>               | 10mV                                                                                                                                                                                                              |
| <b>5. Cooling</b>                       | Convection cooled / Forced air cooled                                                                                                                                                                             |
| <b>6. Operating ambient temperature</b> | Ta = -40°C ~ +85°C (Output derating to be caused depending on temperature condition)                                                                                                                              |
| <b>7. Withstand voltage</b>             | Input-Output : 1.5kVAC (20mA) for 1min                                                                                                                                                                            |
| <b>8. Safety standard</b>               | Approved by UL60950, CSA60950  and EN60950  |
| <b>9. Functions</b>                     | On/Off control, Overcurrent protection, Overvoltage protection, Overtemperature protection                                                                                                                        |

## ■ Product lineup

| Model name    | Input Voltage  | Output voltage | Output current | Efficiency |
|---------------|----------------|----------------|----------------|------------|
| PAH200H48-1R2 | 48VDC (36~76V) | 1.2V           | 70A            | 82%        |
| PAH200H48-1R5 |                | 1.5V           | 70A            | 84%        |
| PAH200H48-1R8 |                | 1.8V           | 70A            | 87%        |
| PAH200H48-2R5 |                | 2.5V           | 70A            | 88%        |
| PAH200H48-3R3 |                | 3.3V           | 60A            | 90%        |

- Request customer specification for further details of specifications, outline, characteristics, etc.
- Read the instruction manual before usage.
- Contact us about delivery before ordering.
- PAH200H48-1R2 and PAH200H48-1R5 will be released in the spring of 2003.

■ **Outline drawing(STD Model)** For 1 output terminal type and Baseplate type, outline drawing differs from the following.  
Please see DENSEI-LAMBDA web site.

