

# Variable DC Power Supplies

*Part No. 01PHSY3003, 01PHSY3005, 01PHSY5003*

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Model	01PHSY3003	01PHSY3005	01PHSY5003
Regular Output Voltage	0–30V	0–30V	0–50V
Regular Output Current	0–3A	0–5A	0–3A



## TECHNICAL PARAMETER

- |   |   |   |
|---|---|---|
| <b>1.1 Input Voltage:</b>               | 110V AC $\pm$ 10%   | 60Hz $\pm$ 2% + 1mA   |
| <b>1.2 Power Effect:</b>                | CV $\leq$ 0.01% + 1mV   | CC $\leq$ 0.2% + 1mA  |
| <b>1.3 Overload Effect:</b>             | CV $\leq$ 0.01% + 3mV ( $I \leq 3A$ )<br>CV $\leq$ 0.01% + 5mV ( $I > 3A$ ) | CC $\leq$ 0.2% + 3mA ( $I \leq 3A$ )<br>CC $\leq$ 0.2% + 5mA ( $I > 3A$ ) |
| <b>1.4 Waves and Noises:</b>            | CV $\leq$ 0.5mVr.m.s ( $I \leq 3A$ )<br>CV $\leq$ 1.0mVr.m.s ( $I > 3A$ )   | CC $\leq$ 3mAr.m.s ( $I \leq 3A$ )<br>CC $\leq$ 6mAr.m.s ( $I > 3A$ )     |
| <b>1.5 Protection:</b>                  | Current restricted and short-circuit protection                             |   |
| <b>1.6 Voltage Indication Accuracy:</b> | LED/LCD $\pm$ 1% + 2 digits   |   |
| <b>1.7 Current Indication Accuracy:</b> | LED/LCD $\pm$ 2% + 2 digits   |   |
| <b>1.8 Environment:</b>                 | 0 ~ +40°C; relative humidity: <90%  |   |