

# HB1700

## DC POWER SUPPLY



### Hb1700 GC series fixed



| Model               |       | Input Voltage                  | Output Voltage                | Output Current                  | Ripple Voltage | product size   |
|---------------------|-------|--------------------------------|-------------------------------|---------------------------------|----------------|----------------|
| DC<br>12v<br>OUTPUT | 0-1A  | 220V ± 10%<br>or<br>110V ± 10% | DC3 ~ 50V<br>(any fixedpoint) | DC15 ~ 20A<br>(any fixed point) | ≤40mVrms       | 29 × 26 × 22cm |
|                     | 0-2A  |                                |                               |                                 |                | 29 × 25 × 22cm |
|                     | 0-3A  |                                |                               |                                 |                | 29 × 25 × 22cm |
|                     | 0-5A  |                                |                               |                                 |                | 29 × 25 × 22cm |
|                     | 0-7A  |                                |                               |                                 |                | 29 × 25 × 22cm |
|                     | 0-10A |                                |                               |                                 |                | 29 × 25 × 22cm |



| Model               |       | Input Voltage                  | Output Voltage                | Output Current                  | Ripple Voltage | product size   |
|---------------------|-------|--------------------------------|-------------------------------|---------------------------------|----------------|----------------|
| DC<br>24v<br>OUTPUT | 0-1A  | 220V ± 10%<br>or<br>110V ± 10% | DC3 ~ 50V<br>(any fixedpoint) | DC15 ~ 20A<br>(any fixed point) | ≤40mVrms       | 29 × 20 × 16cm |
|                     | 0-2A  |                                |                               |                                 |                | 29 × 20 × 16cm |
|                     | 0-3A  |                                |                               |                                 |                | 34 × 20 × 16cm |
|                     | 0-5A  |                                |                               |                                 |                | 34 × 20 × 16cm |
|                     | 0-7A  |                                |                               |                                 |                | 34 × 20 × 16cm |
|                     | 0-10A |                                |                               |                                 |                | 34 × 20 × 16cm |



| Model               |       | Input Voltage                  | Output Voltage                | Output Current                  | Ripple Voltage | product size   |
|---------------------|-------|--------------------------------|-------------------------------|---------------------------------|----------------|----------------|
| DC<br>12v<br>OUTPUT | 0-15A | 220V ± 10%<br>or<br>110V ± 10% | DC3 ~ 50V<br>(any fixedpoint) | DC15 ~ 20A<br>(any fixed point) | ≤60mVrms       | 40 × 30 × 22cm |
|                     | 0-20A | 220V ± 10%<br>or<br>110V ± 10% |                               |                                 |                | 40 × 30 × 22cm |
| DC<br>24v<br>OUTPUT | 0-15A | 220V ± 10%<br>or<br>110V ± 10% | DC3 ~ 50V<br>(any fixedpoint) | DC15 ~ 20A<br>(any fixed point) | ≤60mVrms       | 40 × 30 × 22cm |
|                     | 0-20A | 220V ± 10%<br>or<br>110V ± 10% |                               |                                 |                | 40 × 30 × 22cm |



| Model               |       | Input Voltage                  | Output Voltage                | Output Current                  | Ripple Voltage | product size   |
|---------------------|-------|--------------------------------|-------------------------------|---------------------------------|----------------|----------------|
| DC<br>12v<br>OUTPUT | 0-30A | 220V ± 10%<br>or<br>110V ± 10% | DC3 ~ 50V<br>(any fixedpoint) | DC15 ~ 20A<br>(any fixed point) | ≤100mVrms      | 50 × 42 × 22cm |
|                     | 0-50A | 220V ± 10%<br>or<br>110V ± 10% |                               |                                 |                | 50 × 42 × 22cm |
| DC<br>24v<br>OUTPUT | 0-30A | 220V ± 10%<br>or<br>110V ± 10% | DC3 ~ 50V<br>(any fixedpoint) | DC15 ~ 20A<br>(any fixed point) | ≤100mVrms      | 50 × 42 × 22cm |
|                     | 0-50A | 220V ± 10%<br>or<br>110V ± 10% |                               |                                 |                | 50 × 42 × 22cm |

#### HB17300 SC1~5A series adjustable



| Model       | Output Voltage | Output Current | Load effect                                                                        | Ripple and noise                                    | product size   |
|-------------|----------------|----------------|------------------------------------------------------------------------------------|-----------------------------------------------------|----------------|
| HB17300SC1A | 0~30V          | 0~1A           | CV $\leq 1 \times 10^{-4} + 2\text{mV}$<br>CC $\leq 2 \times 10^{-3} + 3\text{mA}$ | CV $\leq 1\text{mVrms}$<br>CV $\leq 10\text{mArms}$ | 28 x 14 x 16cm |
| HB17300SC2A |                | 0~2A           |                                                                                    |                                                     |                |
| HB17300SC3A |                | 0~3A           |                                                                                    |                                                     |                |
| HB17300SC5A |                | 0~5A           |                                                                                    |                                                     |                |

#### HB17300 SC7~15A series adjustable



| Model        | Output Voltage | Output Current | Load effect                                                                          | Ripple and noise                                    | product size   |
|--------------|----------------|----------------|--------------------------------------------------------------------------------------|-----------------------------------------------------|----------------|
| HB17300SC10A | 0~30V          | 0~10A          | CV $\leq 2 \times 10^{-4} + 10\text{mV}$<br>CC $\leq 5 \times 10^{-3} + 10\text{mA}$ | CV $\leq 3\text{mVrms}$<br>CV $\leq 10\text{mArms}$ | 38 x 22 x 17cm |
| HB17300SC15A |                | 0~15A          |                                                                                      |                                                     |                |

#### HB17300 SC20~30A series adjustable



| Model        | Output Voltage | Output Current | Load effect                                                                          | Ripple and noise                                  | product size   |
|--------------|----------------|----------------|--------------------------------------------------------------------------------------|---------------------------------------------------|----------------|
| HB17300SC20A | 0~30V          | 0~20A          | CV $\leq 1 \times 10^{-4} + 15\text{mV}$<br>CC $\leq 1 \times 10^{-3} + 30\text{mA}$ | CV is less than 5mVrms<br>CC is less than 20mArms | 44 x 25 x 34cm |
| HB17300SC25A |                | 0~25A          |                                                                                      |                                                   |                |
| HB17300SC30A |                | 0~30A          |                                                                                      |                                                   |                |

#### HB17300SL1~5A series adjustable(LED DISPLAY)



| Model       | Output Voltage | Output Current | Load effect                                                                        | Ripple and noise                                    | product size   |
|-------------|----------------|----------------|------------------------------------------------------------------------------------|-----------------------------------------------------|----------------|
| HB17300SL1A | 0~30V          | 0~1A           | CV $\leq 1 \times 10^{-4} + 2\text{mV}$<br>CC $\leq 2 \times 10^{-3} + 3\text{mA}$ | CV $\leq 1\text{mVrms}$<br>CV $\leq 10\text{mArms}$ | 28 x 14 x 16cm |
| HB17300SL2A |                | 0~2A           |                                                                                    |                                                     |                |
| HB17300SL3A |                | 0~3A           |                                                                                    |                                                     |                |
| HB17300SL5A |                | 0~5A           |                                                                                    |                                                     |                |

#### HB17300 SL7~15A series adjustable(LED DISPLAY)



| Model        | Output Voltage | Output Current | Load effect                                                                          | Ripple and noise                                    | product size   |
|--------------|----------------|----------------|--------------------------------------------------------------------------------------|-----------------------------------------------------|----------------|
| HB17300SL10A | 0~30V          | 0~10A          | CV $\leq 1 \times 10^{-4} + 15\text{mV}$<br>CC $\leq 1 \times 10^{-3} + 30\text{mA}$ | CV $\leq 3\text{mVrms}$<br>CV $\leq 10\text{mArms}$ | 38 x 22 x 17cm |
| HB17300SL15A |                | 0~15A          |                                                                                      |                                                     |                |

#### HB17300 SL20~30A series adjustable(LED DISPLAY)



| Model        | Output Voltage | Output Current | Load effect                                                                          | Ripple and noise                                  | product size   |
|--------------|----------------|----------------|--------------------------------------------------------------------------------------|---------------------------------------------------|----------------|
| HB17300SL20A | 0~30V          | 0~20A          | CV $\leq 1 \times 10^{-4} + 15\text{mV}$<br>CC $\leq 1 \times 10^{-3} + 30\text{mA}$ | CV is less than 5mVrms<br>CC is less than 20mArms | 44 x 25 x 34cm |
| HB17300SL25A |                | 0~25A          |                                                                                      |                                                   |                |
| HB17300SL30A |                | 0~30A          |                                                                                      |                                                   |                |

#### HB17301 SL1~5A series adjustable(two way)



| Model       | Output Voltage | Output Current | Load effect                                                                          | Ripple and noise                                    | product size   |
|-------------|----------------|----------------|--------------------------------------------------------------------------------------|-----------------------------------------------------|----------------|
| HB17300SL1A | 0~30V          | 0~1A           | CV $\leq 1 \times 10^{-3} + 15\text{mV}$<br>CC $\leq 1 \times 10^{-2} + 30\text{mA}$ | CV $\leq 5\text{mVrms}$<br>CV $\leq 20\text{mArms}$ | 30 x 20 x 18cm |
| HB17300SL2A |                | 0~2A           |                                                                                      |                                                     |                |
| HB17300SL3A |                | 0~3A           |                                                                                      |                                                     |                |
| HB17300SL5A |                | 0~5A           |                                                                                      |                                                     |                |

#### HB17301 SL7~15A series adjustable(two way)



| Model        | Output Voltage | Output Current | Load effect                                                                        | Ripple and noise                                   | product size   |
|--------------|----------------|----------------|------------------------------------------------------------------------------------|----------------------------------------------------|----------------|
| HB17301SL10A | 0~30V          | 0~10A          | CV $\leq 1 \times 10^{-4} + 2\text{mV}$<br>CC $\leq 2 \times 10^{-3} + 3\text{mA}$ | CV $\leq 1\text{mVrms}$<br>CV $\leq 5\text{mArms}$ | 44 x 30 x 22cm |
| HB17301SL15A |                | 0~15A          |                                                                                    |                                                    |                |