

**Application**

Suitable to charge batteries of fixed voltage.

**General**

Spec	Outline size(cm)
<b>12V/10A</b>	50 × 20 × 14
<b>12V/20A</b>	50 × 20 × 14
<b>12V/30A</b>	58 × 22 × 15
<b>12V/40A</b>	58 × 22 × 15
<b>12V/60A</b>	36 × 45 × 69
<b>24V/10A</b>	54 × 20 × 14
<b>24V/20A</b>	54 × 20 × 14
<b>24V/30A</b>	58 × 22 × 15
<b>36V/40A</b>	36 × 45 × 69
<b>36V/60A</b>	36 × 45 × 69
<b>48V/6A</b>	58 × 22 × 15
<b>48V/15A</b>	58 × 22 × 15

Other specifications can be customized at user's requirement.



## HBD

fixed type step-up/down transformer

The fixed type step-up / down transformer is an ideal AC step-up/down power supply. It can step down the voltage from 220V to 110V or step up it from 110V to 220V effectively, with advantages of no waveform distortion , high efficiency, elegant appearance , ease of use , effective operation for a long term, etc. It is suitable for imported electrical appliances.



**Model & spec**

HBD step-up/down transformer

Model	Product size(cm)	Package size(cm)	Weigh(kg)	Qty
<b>50VA</b>	16 × 13 × 12	40 × 29 × 28	15	8
<b>75VA</b>	16 × 13 × 12	40 × 29 × 28	15.5	8
<b>100VA</b>	16 × 13 × 12	40 × 29 × 28	18	8
<b>150VA</b>	16 × 13 × 12	40 × 29 × 28	18	8
<b>200VA</b>	16 × 13 × 12	40 × 29 × 28	27	8
<b>250VA</b>	16 × 13 × 12	40 × 29 × 28	27	8
<b>300VA</b>	16 × 13 × 12	40 × 29 × 28	27	8
<b>350VA</b>	16 × 13 × 12	40 × 29 × 28	27	8
<b>500VA</b>	16 × 13 × 12	40 × 29 × 28	30	8
<b>750VA</b>	19 × 17 × 14	45 × 25 × 35	22	4
<b>1000VA</b>	19 × 17 × 14	45 × 25 × 35	28	4
<b>1500VA</b>	19 × 17 × 14	45 × 25 × 35	28	4
<b>2000VA</b>	23 × 20 × 16	50 × 29 × 20	19	2
<b>3000VA</b>	23 × 20 × 16	50 × 29 × 20	23	2
<b>5000VA</b>	29 × 23 × 25	33 × 30 × 24	17	1



**BK(DK)** control transformer

BK series machine tool control transformer is suitable for circuit of 50~60Hz, voltage up to 500V, usually applied as power supply for machine tool electrical appliances, local lightings and indicator lamps.