

STOCK RANGE OF SINGLE OUTPUT BATTERY CHARGERS WITH UPS FUNCTION AND ALL-IN-ONE BATTERY CHARGERS WITH CONTINUITY BACKUP FUNCTION

Single 12V and 24V DC output plus battery charger (UPS function).

Universal AC input 88~264V AC 47~63Hz: 124~370V DC. Short circuit, overload and over voltage protected.

Battery low protection. Cooling by free air convection.

100% burn-in test and full 2 year warranty.



Reference	Rated power Watts	Output voltages and currents	Load & Line regulation	Output V adjustment	Ripple & noise	Output V tolerance	Efficiency	Dimensions (mm) W x D x H
AD 55A	55 Watts	1/ 13.8V 4.00A 2/ 13.4V 0.23A	+/-0.5%	12~14.5V DC	100mV p-p	+/- 1% Charger	71%	159 x 97 x 38
AD 155A	155 Watts	1/ 13.8V 11.5A 2/ 13.3V 0.50A	+/-0.5%	12~14.5V DC	150mV p-p	+/- 1% Charger	80%	199 x 110 x 50
AD 55B	55 Watts	1/ 27.6V 2.00A 2/ 26.5V 0.16A	+/- 0.5%	24~29V DC	100mV p-p	+/- 1% Charger	74%	159 x 97 x 38
AD 155B	155 Watts	1/ 27.6V 5.50A 2/ 27.1V 0.50A	+/-0.5%	24~29V DC	150mV p-p	+/- 1% Charger	84%	199 x 110 x 50

All-in-one single DC output plus battery charger. With continuity backup function. AC input 0/115V 0/115V (93~264V) 47~63Hz. Short circuit, overload, over voltage and reverse battery protected.

Output signals: Mains or backup and low battery or faulty battery.

UPS versions from 24V DC 1.5A~10A various inputs.

Cooling by free air convection. Ambient temperature range -10 to +50 deg C. 3kV isolation voltage. Efficiency between 76~91% dependant on type.



Reference	Input voltage and Hz	Rated output	Battery output	Load output	Charging current	Efficiency	Dimensions (mm) W x D x H
CBI 123A	0/115/230V 50/60 Hz	12V DC 3A	13.75~14.4V DC	11~13.5V DC	20~100%	81%	65 x 135 x 115
CBI 126A	0/115/230V 50/60 Hz	12V DC 6A	13.75~14.4V DC	11~13.5V DC	20~100%	81%	65 x 135 x 115
CBI 1210A	0/115/230V 50/60 Hz	12V DC 10A	13.75~14.4V DC	11~13.5V DC	20~100%	89%	65 x 135 x 115
CBI 1235A	0/115/230V 50/60 Hz	12V DC 35A	13.75~14.4V DC	11~13.5V DC	20~100%	91%	150 x 115 x 135
CBI 243A	0/115/230V 50/60 Hz	24V DC 3A	27.5~28.8V DC	22~28.8V DC	20~100%	81%	65 x 135 x 115
CBI 245A	0/115/230V 50/60 Hz	24V DC 5A	27.5~28.8V DC	22~28.8V DC	20~100%	82%	65 x 135 x 115
CBI 2410A	0/115/230V 50/60 Hz	24V DC 10A	27.5~28.8V DC	22~28.8V DC	20~100%	83%	100 x 135 x 115
CBI 2420A	0/115/230V 50/60 Hz	24V DC 20A	27.5~28.8V DC	22~28.8V DC	20~100%	91%	150 x 115 x 135
CBI 485A	0/115/230V 50/60 Hz	48V DC 5A	55~57.6V DC	44~57.6V DC	20~100%	83%	100 x 135 x 115
CBI 4810A	0/115/230V 50/60 Hz	48V DC 10A	55~57.6V DC	44~57.6V DC	20~100%	91%	150 x 115 x 135
UPS 242A	0/115/230V 50/60 Hz	24V DC 1.5A	27.5~28.8V DC	22~28.8V DC	See data	76%	71 x 95 x 65
UPS 123A	0/115/230V 50/60 Hz	24V DC 3A	27.5~28.8V DC	22~28.8V DC	See data	76%	71 x 95 x 65
UPS 2410C	230V 50/60 Hz	24V DC 10A	27.5~28.8V DC	22~28.8V DC	See data	81%	135 x 115 x 135
UPS 2410B	400V 50/60 Hz	24V DC 10A	27.5~28.8V DC	22~28.8V DC	See data	81%	135 x 115 x 135

