

Battery Tester
BT-121

For 2V · 6V · 12V 6AH~120AH



- For quick testing of DC output of car batteries
- Applicable as a tester for checking switch terminals
- Easy operation and easy reading

Over 10 patents are built in Dengen's battery chargers for commercial and personal use.



Our creed
**Make the best product,
Have the best grace,
Be the best person.**



Dog the faithful

Dog the faithful is the mascot mark of our company. It symbolizes the desire that our products will serve their owners as faithfully as the dog serves his master.

MAIN FEATURES

- Perfect double insulation eliminates leak current. Hence no possibility of electrocution.
- The rain-proof design is patented.
- Meters glow bright for easy reading after dark.
- The warning buzzer sounds when wrong connections are made.
- The charging lamp remains aglow while the battery is being charged.

HR-MAX100
HR-MAX70/D
HR-MAX55
HR-MAX50

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DENGEN

BATTERY CHARGER CATALOG

2014 International



*No 1 Pro-use Battery Charger Brand in Japan
Made in Osaka, Japan*

DENGEN CO., LTD.

Heavy duty Safety polarity system/MAX series

HR-MAX 100

BOOSTER & NORMAL CHARGE



Safety polarity system/MAX series

HR-MAX 70D

BOOSTER & NORMAL CHARGE



Safety polarity system/MAX series

HR-MAX 55

BOOSTER & NORMAL CHARGE



Silicon quick charger/MAX series

HR-MAX40

BOOSTER & NORMAL CHARGE



Silicon normal charger

HRC-3510



Model No.	HR-MAX 100	HR-MAX 70D
AC input 50/60Hz single phase	200~240V 4.0KVA	1.4KVA
Rectification	Silicon diode unit for full-wave rectification	
DC output	12~24V 0~100A(80A rating)	6~12V 70A max(50A rating) or 18~24V 35A max(25A rating)
Protective devices	200A S.C.R type protective relay to prevent connecting errors	Relay to prevent connecting errors(with buzzer) Over current circuit breaker(auto-reset)
Applications	QC, NC or booster charge Heavy diesel trucks~gasoline cars	QC :scooters~regular cars(24~60AH) NC :scooters~diesel cars (24~120AH)
Dimensions/weight	740(H)×430(W)×310(D)mm/48kg	740×430×310 mm/32kg
Cord	Power 6m, charge 3.5m	Power 6m, charge 2.2m

Model No.	HR-MAX 55	HR-MAX 40	HRC-3510
AC input 50/60Hz single phase	1.2KVA	MAX 1.1KVA	410VA
Rectification	Silicon diode unit for full-wave rectification		
DC output	6~12V 55A max(40A rating) or 18~24V 27.5A max(20A rating)	6~12V 40 A max(30A rating) or 18~24V 20A max(15 A rating)	6~12V 20 A, 18~24V 10A
Protective devices	Relay to prevent connecting errors(with buzzer) Over current circuit breaker(auto-reset)		same as HRC-7520
Applications	QC :scooters~regular cars(2~60AH) NC :scooters~diesel cars(2~120AH)	QC :scooters~regular cars(2~30AH) NC:scooters~diesel cars(2~120AH)	NC:scooters~diesel cars(2~120AH)
Dimensions/weight	670(H)×430(W)×	400×270×255mm/18kg	300×200×320mm/18kg
Cord	Power 6m, ±charge 2.2m	Power 3.5m, ±charge 2m	Power 2.1m, ±charge 1.6m

Multi connect charger with timer

HRD-9610



Now updating, Coming soon !



General purpose silicon charger

HRC-15010



Silicon normal charger

HRC-7520



Model No.	HRD-9610	HRC-15010	HRC-7520
AC input 50/60Hz single phase	1.3KVA	1.4KVA	
Rectification	Silicon diode unit for full-wave rectification		
DC output	6~96V(12V×8), 0~10A	6~48V(12V×4), 0~20A	
Protective devices	Automatic-reset circuit breaker & fuse(on input side)		
Applications	Normal charge:scooters~diesel engine trucks		
Dimensions/weight	328(H)×350(W)×270(D)mm/18kg	400×270×255mm/18kg	400×270×255mm/18kg
Cord	Power 3.5m, ±charge 2.2m		

Silicon normal charger

HR-245



Battery booster & charger

HR-UP50



Full auto charger

AT-1210FX



Now updating, Coming soon !

Model No.	HRC-245	HR-UP50	AT-1210FX
AC input 50/60Hz single phase	200VA	1.1KVA	220VA
Rectification	Silicon diode unit for full-wave rectification		
DC output	6~12V 10A, 18~24V 5A	6~12V 10A,(MAX 50A 15 sec)	12V 10 A(MAX 12A), Auto Charge, Supply charge
Protective devices	Auto-reset circuit breaker & fuse(on input side)		Thermal protector, fuse(5A) prevent connecting error
Applications	NC :scooters~regular cars	NC :scooters~trucks Engine starting	NC:scooters~diesel cars(2~120AH)
Dimensions/weight	340(H)×240(W)×	147×200×185mm/4.9kg	193×230×195mm/5.9kg
Cord	Power 2.1m,charge 1.2m	Power 2.4m,charge 1.2m	Power 2.2m,charge 1.5m

● Red icon : Quick charge = QC ● Blue icon : Normal charge = NC ★ Initial boost for starting an engine