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**AYTRA**  
— **BATTERIES**



WWW.BATTERYHOUSE.BE





## **BATTERIES FOR CARS, TRUCKS, INDUSTRIAL EQUIPMENT, LEISURE AND SOLAR POWER.**

Whether you're looking to power your family car or a heavy duty industrial vehicle. **Aytra Batteries** has the right battery for you and your needs. We've carefully curated our product range to provide you with the most reliable and efficient power source for any vehicle imaginable.

— **ACTIVE POWER SERIES**

— **PRO POWER SERIES**







## **AYTRA BATTERIES. QUALITY.**

- Patented corrosion resistant positive grid for reliable starting power
- Fast charging and long service life
- Meets original equipment (OEM) requirements as a matching spare part
- Maintenance-free
- High starting power
- Manufactured in the EU
- Fully recyclable







START-STOP AGM  
ACTIVE POWER SERIES

Part number	ETN	Din	Case	Cap. C20	CCA	+	Base	L x W x H (mm)	Weight
AB.560.901	560.901.068	AGM56219	H5/L2	60Ah	680A	+R	B13	242x175x190	17,5kg
AB.570.901	570.901.076	AGM57412	H6/L3	70Ah	760A	+R	B13	278x175x190	20,3kg
AB.580.901	580.901.080	AGM58042	H7/L4	80Ah	800A	+R	B13	315x175x190	22,9kg
AB.595.901	595.901.085	AGM60038	H8/L5	95Ah	850A	+R	B13	353x175x190	26,1kg
AB.605.901	605.901.095		H9	105Ah	950A	+R	B13	393x175x190	28,5kg

- recyclable battery
- + durable performance
- climate resistant
- high-grade technology







START-STOP EFB

ACTIVE POWER SERIES

Part number	ETN	Din	Case	Cap. C20	CCA	+	Base	L x W x H (mm)	Weight
AB.560.500	560 500 064		H5/L2	60	640	+R	B13	242x175x190	16,1kg
AB.565.500	565 500 065		T6/LB3	65	650	+R	B13	278x175x175	18,6kg
AB.570.500	570 500 076		H6/L3	70	760	+R	B13	278x175x190	19,1kg
AB.575.500	575 500 073		T7/LB4	75	730	+R	B13	315x175x175	21,2kg
AB.580.500	580 500 080		H7/L4	80	800	+R	B13	315x175x190	21,8kg

- recyclable battery
- + durable performance
- climate resistant
- high-grade technology







## PREMIUM STARTER

### ACTIVE POWER SERIES



recyclable  
battery



durable  
performance



climate  
resistant



high-grade  
technology

Part number	ETN	Din	Case	Cap. C20	CCA	+	Base	L x W x H (mm)	Weight
AB.535.117	535.117.030	53587	B19LS	35Ah	300A	+RJIS	B01	187x127x227	9,6kg
AB.535.118	535.118.030	53520	B19LS	35Ah	300A	+RJIS	B00	187x127x227	9,6kg
AB.535.119	535.119.030	53522	B19R	35Ah	300A	+LJIS	B00	187x127x227	9,6kg
AB.542.400	542.400.039	54018	H3/L0	40Ah	340A	+R	B13	175x175x190	9,9kg
AB.544.402	544.402.044	54465	T4/LB1	44Ah	440A	+R	B13	207x175x175	11,2kg
AB.545.106	545.106.030	54577	E2	45Ah	300A	+R	B01	219x135x225	11,3kg
AB.545.107	545.107.030	54579	E2R	45Ah	300A	+L	B01	219x135x225	11,3kg
AB.545.155	545.155.033	54584	B24LS	45Ah	330A	+RJIS	B00	238x129x227	11,7kg
AB.545.156	545.156.033	54523	B24L	45Ah	330A	+R	B00	238x129x227	11,7kg
AB.545.157	545.157.033	54551	B24RS	45Ah	330A	+LJIS	B00	238x129x227	11,7kg
AB.545.158	545.158.033	54524	B24RS	45Ah	330A	+L	B00	238x129x227	11,7kg
AB.545.412	545.412.040	54459	H4/L1	45Ah	400A	+R	B13	207x175x190	11,3kg
AB.552.400	552.400.047	55054	H4/L1	52Ah	470A	+R	B13	207x175x190	12,4kg
AB.560.127	560.127.054	56221	H5R/L2	60Ah	540A	+L	B13	242x175x190	14,3kg
AB.560.408	560.408.054	56219	H5/L2	60Ah	540A	+R	B13	242x175x190	13,9kg
AB.560.409	560.409.054	56077	T5/LB2	60Ah	540A	+R	B13	242x175x175	13,9kg
AB.560.412	560.412.051	56068	D23L	60Ah	510A	+R	B00	232x173x225	14,5kg
AB.560.413	560.413.051	56069	D23R	60Ah	510A	+L	B00	232x173x225	14,5kg
AB.568.404	568.404.055	57029	D26L	68Ah	550A	+R	B01	261x175x220	17,0kg
AB.568.405	568.405.055	57024	D26R	68Ah	550A	+L	B01	261x175x220	17,0kg
AB.570.144	570.144.064	56822	T6/LB3	70Ah	640A	+R	B13	278x175x175	15,8kg
AB.574.104	574.104.068	57412	H6/L3	74Ah	680A	+R	B13	278x175x190	16,2kg
AB.580.406	580.406.074	58035	T7/LB4	80Ah	740A	+R	B13	315x175x175	18,3kg
AB.580.400	580.400.074		H7/L4	80Ah	740A	+R	B13	315x175x190	18,3kg
AB.590.122	590.122.072	58827	H8/L5	90Ah	720A	+R	B13	353x175x190	20,8kg
AB.595.404	595.404.083	60032	D31L	95Ah	830A	+R	B01	306x173x225	21,4kg
AB.595.405	595.405.083	60033	D31R	95Ah	830A	+L	B01	306x173x225	21,4kg
AB.600.402	600.402.083	60038	H8/L5	100Ah	830A	+R	B13	353x175x190	21,3kg
AB.610.402	610.402.092	61042	H9	110Ah	920A	+R	B13	393x175x190	24,5kg





# HEAVY DUTY

PRO POWER SERIES

Part number	ETN	Din	Case	Cap. C20	CCA	+	Base	L x W x H (mm)	Weight
AB.620.045	620.045.068	62034	A	120Ah	680A	+L	B00	513x189x223	33,6kg
AB.655.013	655.013.090	64317	B	155Ah	900A	+L	B00	513x223x223	41,0kg
AB.680.032	680.032.100	68022	B	180Ah	1000A	+L	B00	513x223x223	43,9kg
AB.700.038	700.038.105	70027	C	200Ah	1050A	+L	B00	518x276x242	53,6kg

- recyclable battery
- + durable performance
- climate resistant
- high-grade technology







# SUPER HEAVY DUTY

PRO POWER SERIES

Part number	ETN	Din	Case	Cap. C20	CCA	+	Base	L x W x H (mm)	Weight
AB.640.103	640.103.080	64020	A	140Ah	800A	+L	B00	513x189x223	36,6kg
AB.670.103	670.103.100		B	170Ah	1000A	+L	B00	513x223x223	43,9kg
AB.680.011	680.011.140	68011	B	180Ah	1400A	+L	B00	513x223x223	46,4kg
AB.680.108	680.108.100		B	180Ah	1000A	+L	B00	513x223x223	46,2kg
AB.725.103	725.103.115		C	230Ah	1150A	+L	B00	518x276x242	56kg

- recyclable battery
- + durable performance
- climate resistant
- high-grade technology







# SUPER HEAVY DUTY EFB

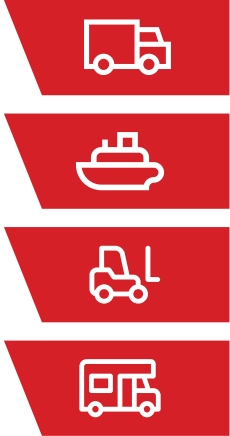
PRO POWER SERIES

Part number	ETN	Din	Case	Cap. C20	CCA	+	Base	L x W x H (mm)	Weight
AB.690.500	690.500.105		B	190Ah	1050A	+L	B00	513x223x223	46,2kg
AB.740.500	740.500.120		C	240Ah	1200A	+L	B00	518x276x242	58kg

- recyclable battery
- +
- durable performance
- climate resistant
- high-grade technology







# SEMI-TRACTION

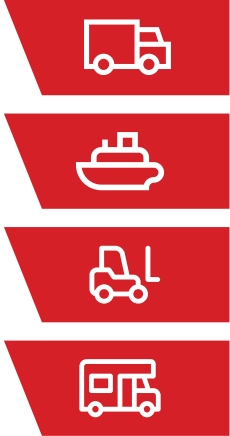
PRO POWER SERIES

Part number	ETN	Din	Case	Cap. C20	CCA	+	Base	L x W x H (mm)	Weight
AB.GR24.080	AB.GR24.080		GR24	80 Ah	610 A	+L	B01	257x172x220	18 kg
AB.GR27.090	AB.GR27.090		GR27	90 Ah	700 A	+L	B01	302x172x220	21 kg
AB.GR31.105	AB .GR31.105		GR31	105 Ah	810 A	+L	B00	330x172x242	23,5 kg
AB.620.102	620.102.100		GR31	120 Ah	1000 A	+L	B00	330x171x242	33,6kg
AB.963.051	963.051.001	96351	B	180 Ah	1000A	+L	B00	513x223x223	45,1kg
AB.968.001	968.001.001	96803	C	230Ah	1150A	+L	B00	518x276x242	56,8kg

- recyclable battery
- + durable performance
- climate resistant
- high-grade technology







# SEMI-TRACTION AGM — PRO POWER SERIES

Part number	ETN	Din	Case	Cap. C20	CCA	+	Base	L x W x H (mm)	Weight
AB.954.901	954.901.000		H5/L2	60 Ah	680 A	+R	B13	242x175x190	17,5 kg
AB.955.901	955.901.000		H6/L3	70 Ah	760 A	+R	B13	278x175x190	20,3 kg
AB.956.901	956.901.000		H7/L4	80 Ah	800 A	+R	B13	315x175x190	22,9 kg
AB.957.901	957.901.000	95751	H8/L5	95 Ah	850 A	+R	B13	353x175x190	26,1 kg

- /  recyclable battery
- /  + durable performance
- /  climate resistant
- /  high-grade technology





**PB-LI 12-90**  
**LFP** LiFePO<sub>4</sub>  
**LITHIUM BATTERY**

Fits under the seat console (also for VW Bus)



## TECHNICAL DATA SHEET

Electrical specifications	
Nominal Voltage	12,8 V
Nominal Capacity	90 Ah
Open Circuit Volt. @ 100%	13,6 V
Energy	1152 Wh
Internal Resistance	≤ 40 mΩ @ 50% SOC
Self Discharge	< 3 % /month

Discharging	
Max. cont. Discharge Current	100 A
Peak Discharge Current	200 A (30 s)
BMS Discharge Cut-Off	300 A (3 s)
Rec. Low Voltage Cut-Off	10 V
BMS Cut-Off	10 V
Reconnect Voltage	11,2 V

Temperatures	
Discharge Temperature	-20 up to +60°C
Charge Temperature	0 up to +55 °C
Storage Temperature	-5 up to +35 °C

Mechanical specifications	
Dimensions (LxWxH)	318 x 176 x188 mm
Weight	11,8 kg
Terminal Type	M8
Case Material ABS	ABS
Enclosure Protection	IP 56
Cell Type / Chemistry	Cylindrical/LiFePO <sub>4</sub>

Charging	
Recomm. Charge Current	20 A
Max. Charge Current	100 A
Recomm. Charge Voltage	14,6 V
BMS Voltage Cut-Off	14,6 V

Compliance	
Certificates	CE UN38.3 UL1642 & IEC2133
Shipping Classification	UN 3480, Klasse 9

Communication	
Bluetooth 4.0 with App Android/iOS	





Bluetooth **PB-LI 12-100 D**  
**LFP** LiFePO<sub>4</sub> LITHIUM BATTERY



## TECHNICAL DATA SHEET

Electrical specifications	
Nominal Voltage	12,8 V
Nominal Capacity	100 Ah
Open Circuit Volt. @ 100%	13,6 V
Energy	1280 Wh
Internal Resistance	≤ 10 mΩ
Self Discharge	< 3 % /month
Maximal Batteries in Series	4

Discharging	
Max. cont. Discharge Current	100 A
Peak Discharge Current	200 A (7,5 s ±2,5 s)
BMS Discharge Cut-Off	250 A (±50 A)
Rec. Low Voltage Cut-Off	11 V
BMS Cut-Off	10 V
Reconnect Voltage	11,2 V

Temperatures	
Discharge Temperature	-20 up to +60°C
Charge Temperature	0 up to 45 °C
Storage Temperature	0 up to 40 °C

Mechanical specifications	
Dimensions (LxWxH)	353 x 175 x 190 mm
Weight	12,0 kg
Terminal Type	Automotive Post
Torque	9 - 11 Nm
Case Material	ABS
Enclosure Protection	IP 56
Cell Type / Chemistry	Cylindrical/LiFePO <sub>4</sub>

Charging	
Recomm. Charge Current	50 A
Max. Charge Current	100 A
BMS Charge Cut-Off	250 A (±50 A)
Recomm. Charge Voltage	14,6 V
BMS Voltage Cut-Off	15 V

Compliance	
Certificates	CE UN38.3 UL1642 & IEC2133
Shipping Classification	UN 3480, Klasse 9

Communication	
Bluetooth 4.0 with App Android/iOS	



# ***START BOOSTER TECHNOLOGY***

## **START BOOSTER**

Portable power has never been more dependable, our 6V and 12 V start boosters provide reliable power to motorcycles, cars, vans and classics. The latest and best battery technology provides the power to guarantee a clean start, every time?

## **START TRUCK**

These heavy duty boosters are equipped with dual battery technology providing both 12V and 24V power. Our specially designed batteries provide high peak amps to start even the heaviest of vehicles with the highest of compression diesel engines.

## **AGM BATTERY**

Battery based boosters offer time-tested reliability, combining specifically designed batteries with honed assembly techniques and the highest quality of components creating a reliable and dependable product.

## **PRO-CAPACITOR**

PROCAP boosters use the latest and most powerful capacitor technology to offer the highest peak amperages possible as well as an unlimited number of starts.

## **LITHIUM**

Using the very latest invented Lithium battery technology we are able to deliver a professional line of high performance lithium batteries able to start even the heaviest of duty vehicles. Where weight is a penalty these Lithium boosters are your best bet.

## **HYBRID AGM**





Hybrid boosters combine both the best AGM battery with the latest advances in capacitors providing high peak amps and longer cranking duration. These are highly professional units fit for the toughest jobs.



PB BP 24-1600  
START BOOSTER

- **LED CHARGE INDICATOR**  
The test button allows users to easily check the charge level of the booster and test the alternator of a vehicle.
- **FORM FACTOR CASE**  
This form-factor case is highly portable and easily stored.











Model	AGM 12V		Peak Amps (A)	Starting Amps (A)	# Of Batteries	Location of Fuse	Fuse (A)	Dimensions (cm)			Cable Diameter (mm 2)	Cable Length (cm)	Unit Weight (KG)	Charger Voltage (V)	Charger Amps (A)	Vehicle Types
	Volts															
PBBP24-1600	12V	1600	450	1	NA	NA	12x18x27	25	48	5.8	230	1.2				   

PB BP 15-2500  
PB BP 15-3100  
START BOOSTER

- **ON/OFF SWITCH**  
This model is fitted with an easy to use on off switch for maximum safety.
- **REVERSE POLARITY ALARM**  
This audible and visual alert informs professionals of incorrect terminal connections.
- **LED CHARGE INDICATOR**  
The test button allows users to easily check the charge level of the booster and test the alternator of a vehicle.



Model	AGM 12V		Peak Amps (A)	Starting Amps (A)	# Of Batteries	Location of Fuse	Fuse (A)	Dimensions (cm)			Cable Diameter (mm 2)	Cable Length (cm)	Unit Weight (KG)	Charger Voltage (V)	Charger Amps (A)	Vehicle Types
	Volts															
PBBP 15-2500	12V	2500	850	1	Clamp	500	27x18x38	25	135	9.7	230	2				   
PBBP 15-3100	12V	3100	1170	1	Clamp	500	27x18x38	25	135	10	230	2				   



## PB BP 1-2500 PB BP 1-3100 START BOOSTER

### ON/OFF SWITCH

The test button allows users to easily check the charge level of the booster and test the alternator of a vehicle.

### ULTRA HIGH GRADE CABLES

Full copper woven cables are extremely durable and allow for very limited losses providing the highest starting power

### RIBBED ABS CHASSIS

Reinforced internal structure provides strength and durability making a dependable chassis.



12V

Model	Volts	Peak Amps (A)	Starting Amps (A)	# Of Batteries	Location of Fuse	Fuse (A)	Dimensions (cm)	Cable Diameter (mm <sup>2</sup> )	Cable Length (cm)	Unit Weight (KG)	Charger Voltage (V)	Charger Amps (A)	Vehicle Types
PBBP 1-2500	12V	2500	850	1	NA	NA	32x10x30	25	75	9.3	230	1.2	
PBBP 1-3100	12V	3100	1170	1	NA	NA	32x10x30	25	75	11.3	230	2	

## PB BP 23 3100 START BOOSTER

### LED CHARGE INDICATOR

The test button allows users to easily check the charge level of the booster and test the alternator of a vehicle.

### ULTRA HIGH GRADE CABLES

Full copper woven cables are extremely durable and allow for very limited losses providing the highest starting power

### P27 CHARGING STATION

Easy to use charging station keeps the booster ready for action. Can also be used to charge external batteries.



12V

Model	Volts	Peak Amps (A)	Starting Amps (A)	# Of Batteries	Location of Fuse	Fuse (A)	Dimensions (cm)	Cable Diameter (mm <sup>2</sup> )	Cable Length (cm)	Unit Weight (KG)	Charger Voltage (V)	Charger Amps (A)	Vehicle Types
P23-3100	12V	3100	1170	1	Clamp	500	33x15x31	25	84	10	230	2	
P27-Charger	12V	NA	NA	0	NA	NA	40x10x31	NA	NA	4	230	3.8	



# PB BP 27 3800 CHARGE STATION

- BOOSTER CHARGE CONNECTOR**  
Place the booster in the station to start charging at the push of a button.
- P27 CHARGING STATION**  
Easy to use charging station keeps the booster ready for action. Can also be used to charge external batteries.



12V

Model	Volts	Peak Amps (A)	Starting Amps (A)	# Of Batteries	Location of Fuse	Fuse (A)	Dimensions (cm)	Cable Diameter (mm 2)	Cable Length (cm)	Unit Weight (KG)	Charger Voltage (V)	Charger Amps (A)	Vehicle Types
P27-Charger	12V	NA	NA	0	NA	NA	40x18x31	NA	NA	4	230	3.8	

# PB BP 2 ST 1224V START TRUCK

- DIGITAL VOLT METER**  
This display allows professionals to quickly see the voltage available and to test the alternator of a vehicle.
- 12-24V SWITCH**  
This easy to use switch allows the booster to be changed from 12 to 24V.
- RIBBED ABS CHASSIS**  
Reinforced internal structure provides strength and durability making a dependable chassis.



Model	12V 24V		Peak Amps (A)	Starting Amps (A)	# Of Batteries	Location of Fuse	Fuse (A)	Dimensions (cm)	Cable Diameter (mm 2)				Unit Weight (KG)	Charger Voltage (V)	Charger Amps (A)	Vehicle Types
	12 V	24 V							5000	2500	1700	850				
PB BP 2ST 1224V	12 V	24 V	5000	2500	1700	850	2	Clamp	500	33x22x44	50	165	25	230	3	
PB BP 2ST 1224V 25	12 V	24 V	6200	3100	1700	850	2	Clamp	500	33x22x44	50	165	25	230	3	



PB BP 15 TR 1224V

START TRUCK

DIGITAL VOLT METER

This display allows professionals to quickly see the voltage available and to test the alternator of a vehicle.

12-24V SWITCH

This easy to use switch allows the booster to be changed from 12 to 24V.

REVERSE POLARITY ALARM

This audible and visual alert informs professionals of incorrect terminal connections.



Model	12V 24V		Peak Amps (A)	Starting Amps (A)	# Of Batteries	Location of Fuse	Fuse (A)	Dimensions (cm)	Cable Diameter (mm 2)	Cable Length (cm)	Unit Weight (KG)	Charger Voltage (V)	Charger Amps (A)	Vehicle Types
	12 V	24 V												
PB BP 15 TR 1224V	12 V	24 V	6400	2560	2	Clamp	500	39x27x53	50	175	33	230	7	<div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>

PB BC4 1800

PROCAP BOOSTER

ULTRACAPS INSIDE

Using the latest in capacitor technology this booster can be recharged in seconds to provide unlimited starts.

LED CHARGE INDICATOR

The test button allows users to easily check the charge level of the booster and test the alternator of a vehicle.

ON/OFF SWITCH

This model is fitted with an easy to use on off switch for maximum safety.



Our BATTERYLESS PROCAP range uses the highest quality and most powerful UltraCapacitor technology to produce an extremely powerful booster fit for the toughest starting applications. Their light weight and ultra fast recharge allow professionals to perform an unlimited number of daily starts.

Model	12V		Peak Amps (A)	Starting Amps (A)	# Of Batteries	Location of Fuse	Fuse (A)	Dimensions (cm)	Cable Diameter (mm)	Cable Length (cm)	Unit Weight (KG)	Charger Voltage (V)	Charger Amps (A)	Vehicle Types
	12V	24V												
C4-1800	12V	24V	6000	1400	0	Clamp	500	35x13x32	25	175	6	230	3	<div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>



PB BC15 3000  
PROCAP BOOSTER

- ON/OFF SWITCH**  
This model is fitted with an easy to use on off switch for maximum safety.
- REVERSE POLARITY ALARM**  
This audible and visual alert informs professionals of incorrect terminal connections.
- LED CHARGE INDICATOR**  
The test button allows users to easily check the charge level of the booster and test the alternator of a vehicle.







Model	Volts	Peak Amps (A)	Starting Amps (A)	# Of Batteries	Location of Fuse	Fuse (A)	Dimensions (cm)	Cable Diameter (mm)	Cable Length (cm)	Unit Weight (KG)	Charger Voltage (V)	Charger Amps (A)	Vehicle Types
C15-3000	12V	9000	1800	0	Clamp	500	27x18x38	25	135	8.7	230	3	    

PB BC15 24V  
PROCAP BOOSTER

- ON/OFF SWITCH**  
This model is fitted with an easy to use on off switch for maximum safety.
- REVERSE POLARITY ALARM**  
This audible and visual alert informs professionals of incorrect terminal connections.
- LED CHARGE INDICATOR**  
The test button allows users to easily check the charge level of the booster and test the alternator of a vehicle.



Model	Volts	Peak Amps (A)	Starting Amps (A)	# Of Batteries	Location of Fuse	Fuse (A)	Dimensions (cm)	Cable Diameter (mm)	Cable Length (cm)	Unit Weight (KG)	Charger Voltage (V)	Charger Amps (A)	Vehicle Types
PB BC15-24V	24V	8000	1950	0	Clamp	500	27x18x38	50	135	8.7	230	2	   



# PB BC15TR 1224V PROCAP BOOSTER

## DIGITAL VOLT METER

This display allows professionals to quickly see the voltage available and to test the alternator of a vehicle.

## 12-24V SWITCH

This easy to use switch allows the booster to be changed from 12 to 24V.

## REVERSE POLARITY ALARM

This audible and visual alert informs professionals of incorrect terminal connections.



# PB BH4 600 HYBRID BOOSTER

## ON/OFF SWITCH

This model is fitted with an easy to use on off switch for maximum safety.

## ULTRACAPS INSIDE


Using the latest in capacitor technology this booster can be recharged in seconds to provide unlimited starts.

## LED CHARGE INDICATOR

The test button allows users to easily check the charge level of the booster and test the alternator of a vehicle.











The Hybrid is a combination of the highest quality starting batteries and the most powerful UltraCapacitors. Hybrids provide Ultra High starting current and extended cranking duration creating the perfect mix for professionals. These powerful boosters combine the best features of our technologies.



12/24V

Model

Model	Volts	Peak Amps (A)	Starting Amps (A)	# Of Batteries	Location of Fuse	Fuse (A)	Dimensions (cm)	Cable Diameter (mm)	Cable Length (cm)	Unit Weight (KG)	Charger Voltage (V)	Charger Amps (A)	Vehicle Types
PB BC15TR 1224V	12V 24V	18000 9000	4400 3400	0	Clamp	500	39x27x53	50	175	19	230	3	<div>     </div> <div>    </div>



batteryhouse

POWERED BY ATRON BATTERIES

Model	Volts	Peak Amps (A)	Starting Amps (A)	# Of Batteries	Location of Fuse	Fuse (A)	Dimensions (cm)	Cable Diameter (mm)	Cable Length (cm)	Unit Weight (KG)	Charger Voltage (V)	Charger Amps (A)	Vehicle Types
PB BH4 600	12V	2800	1200	1	Clamp	500	35x13x32	25	175	8.5	230	1.2	



PB BH15 600  
PB BH15 1500  
HYBRID BOOSTER

ON/OFF SWITCH

This model is fitted with an easy to use on off switch for maximum safety..






LED CHARGE INDICATOR

The test button allows users to easily check the charge level of the booster and test the alternator of a vehicle.

REVERSE POLARITY ALARM

This audible and visual alert informs professionals of incorrect terminal connections.



Model	Volts	Peak Amps (A)	Starting Amps (A)	# Of Batteries	Location of Fuse	Fuse (A)	Dimensions (cm)	Cable Diameter (mm)	Cable Length (cm)	Unit Weight (KG)	Charger Voltage (V)	Charger Amps (A)	Vehicle Types
PB BH15-600	12V	3100	1400	1	Clamp	500	27x18x38	25	135	9.5	230	1.2	   
PB BH15-1500	12V	8000	1500	1	Clamp	500	27x18x38	25	135	11.8	230	1.2	   

PB BP 11X 1224V  
LITHIUM BOOSTER

1 12V OUTPUT

2 OVERRIDE MODE

3 USB OUTPUT





4 BRIGHT LCD SCREEN

5 HEAVY DUTY CLAMPS

6 LED LIGHT



12/24V

Model	Volts	Peak Amps (A)	Starting Amps (A)	Location of Fuse	Fuse (A)	Dimensions (cm)	Cable Diameter (mm)	Cable Length (cm)	Unit Weight (KG)	Charger Voltage (V)	Charger Amps (A)	Vehicle Types
PB BP11X 1224V	12V 24V	1200	600	NA	NA	28x8x24	11	62	11.3	230	1	   

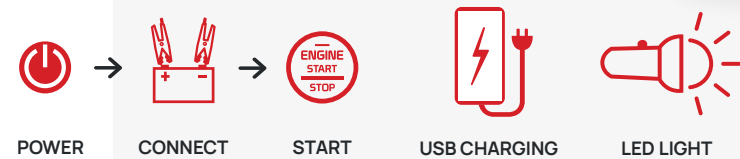


ULTRA CAPACITOR TECHNOLOGY

ULTRABOOST

**PB J75**  
1600 PEAK AMPS 12V DC

**PB J95**  
2000 PEAK AMPS 12V DC



12V

Model	Volts	Peak Amps (A)	Starting Amps (A)	# Of Batteries	USB OUTPUT	USB INPUT	Dimensions (cm)	Cable Diameter (mm)	Cable Length (cm)	Unit Weight (KG)	Vehicle Types
PB J75	12V	1600	800	1	5V 2A	5V 2A	25X28X6	16	41	9.5	
PB J95	12V	2000	1000	1	5V 2A	5V 2A	25X28X6	16	41	11.8	

**PB JS 600A**  
**PB JS 900A**  
**JUMP STARTER**

**MULTI-FUNTIONAL POWER BANK  
AND JUMP STARTER ALL IN ONE!**

This power pack can easily start every 12V vehicle with an extreme high 600 Amps (900 Amps) starting current. Other great advantages are the laptop charging, an USB-conne-ction for charging all your mobile devices and an emergency flashlight.



**SPECS**

- Capacity PBJS600A - 16000 mAh; PBJS900A - 20000 mAh
- Vehicle start function:
  - PBJS600A up to peak current 600 A with clamps
  - PBJS900A up to peak current 900 A with clamps
- 230V charger and 12V cigarette lighter included
- Output for laptop charging 12V - 16V - 19V including 9 tips/connectors
- SB connection with 5V - 2,1 A output
- Weight 450 grams
- Cycle life: more than 1000 cycles
- USB cable with several connectors for charging all mobile devices



PB F35  
FLASH CHARGER

AGM / GEL  
WET / EFB





PB F100  
PB F150  
FLASH CHARGER











BATTERY  
PROGRAMMING  
CHARGER



12/24V

Model	Volts	Charging Amps (A)	Maximum battery charging capacity	Programming Voltage/Amps	Input	Dimensions (cm)	Cable Length (cm)	Unit Weight (KG)	Vehicle Types
PB F35	12V 24V	35 17.5	1000Ah	12-16V 2-35A	220-240V 50-60Hz	26x29x10.5	300	3.85	    

12V

Model	Volts	Charging Amps (A)	Maximum battery charging capacity	Programming Voltage/Amps	Input	Dimensions (cm)	Cable Length (cm)	Unit Weight (KG)	Vehicle Types
PB F100	12V	100	1000Ah	22-30V 2-100A	220-240V 50-60Hz	42x35x13.5	300	9.1	    
PB F150	12V	150	1000Ah	22-30V 2-100A	220-240V 50-60Hz	42x35x13.5	300	9.1	    



# PB C6 1211 - PB C6 1220 SMART CHARGER

- 1 | MODE SWITCH
- 2 | 6V MODE
- 3 | 12V MODE
- 4 | EYELET CONNECTORS
- 5 | POWER LED
- 6 | CHARGE LEVEL INDICATOR
- 7 | WARNING INDICATOR



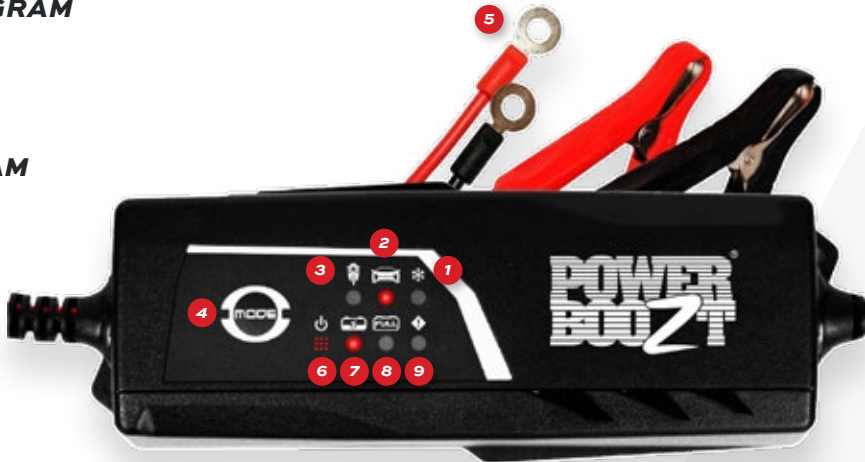
Accessoires: Clamps, Eyelets & Cigar Plug

## 6/12V

Model	Volts	Charging Amps (A)	Voltage Selection	Min-Max Capacity (Ah) (Charging)	Min-Max Capacity (Ah) (Maintenance)	Dimensions (cm)	Cable Length (cm)	Unit Weight (KG)	IP Rating	Vehicle Types
PB C6 1211	6/12V	1.1	Automatic	2.2-32Ah	100	7x6x4.5	187	0.34	65	
PB C6 1220	6/12V	2	Automatic	2.2-32Ah	100	7x6x4.5	187	0.34	65	

# PB C 1238 SMART CHARGER

- 1 | AGM/COLD TEMPERATURE PROGRAM
- 2 | CAR BATTERY PROGRAM
- 3 | MOTORCYCLE BATTERY PROGRAM
- 4 | MODE SWITCH
- 5 | EYELET CONNECTORS
- 6 | POWER LED
- 7 | CHARGING INDICATOR
- 8 | BATTERY CHARGED INDICATOR
- 9 | WARNING INDICATOR



Accessoires: Clamps, Eyelets & Cigar Plug

## 12V

Model	Volts	Charging Amps (A)	Voltage Selection	Min-Max Capacity (Ah) (Charging)	Min-Max Capacity (Ah) (Maintenance)	Dimensions (cm)	Cable Length (cm)	Unit Weight (KG)	IP Rating	Vehicle Types
PB C6 1238	12V	3.8	N/A	14-75 1.2- 14	120	7x6x4.5	187	0.46	65	



# PB C 1270 - PB C 1224 70 SMART CHARGER

- 1 | SUPPLY MODE
- 2 | CHARGE LEVEL INDICATOR
- 3 | WARNING INDICATOR
- 4 | EYELET CONNECTORS
- 5 | MODE SWITCH
- 6 | POWER LED
- 7 | VOLTAGE INDICATOR
- 8 | BOOST PROGRAM
- 9 | MAINTENANCE PROGRAM



Accessoires: Clamps, Eyelets & Cigar Plug

## 6/12V

Model	Volts	Charging Amps (A)	Voltage Selection	Min-Max Capacity (Ah) (Charging)	Min-Max Capacity (Ah) (Maintenance)	Dimensions (cm)	Cable Length (cm)	Unit Weight (KG)	IP Rating	Vehicle Types
PB C 1270	12V	7.0	Automatic	14-750 Ah (12V)	225	21x8x5	187	0.73	65	
PB C 1224 70	12/24V	7.0	Automatic	14-75 Ah (24V) 14-750 Ah (12V)	225	21x8x5	187	0.73	65	

# PB C1224 250 SMART CHARGER

- 1 | SUPPLY MODE
- 2 | WARNING INDICATOR
- 3 | WARNING INDICATOR
- 4 | MODE SWITCH
- 5 | EYELET CONNECTORS
- 6 | TEMPERATURE SENSOR
- 7 | 24V INDICATOR
- 8 | 12V INDICATOR
- 9 | BOOST PROGRAM



- 10 | SUPPLY MODE
- 11 | CHARGE LEVEL INDICATOR

Accessoires: Clamps & Eyelets

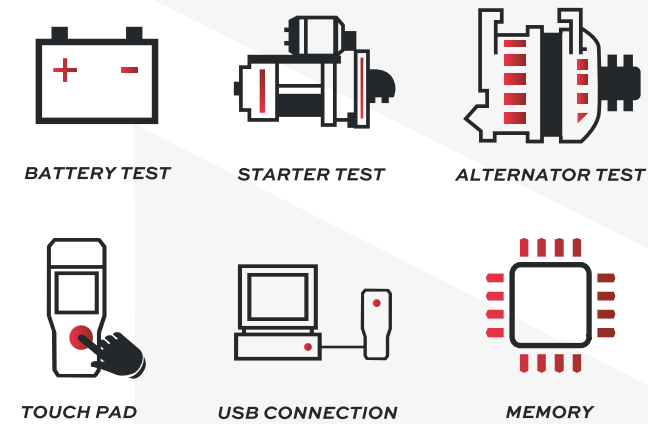
## 12/24V

Model	Volts	Charging Amps (A)	Voltage Selection	Min-Max Capacity (Ah) (Charging)	Min-Max Capacity (Ah) (Maintenance)	Dimensions (cm)	Cable Length (cm)	Unit Weight (KG)	IP Rating	Vehicle Types
PB C 1224 250	12V 24V	25A/ 12.5A	Automatic	25-230Ah(24V) 50-450Ah(12V)	500Ah	29x12x7	187	2.2	44	



## T2 BATTERY TESTER

### BATTERY TESTERS



**12V**



CCA: 100 - 2000

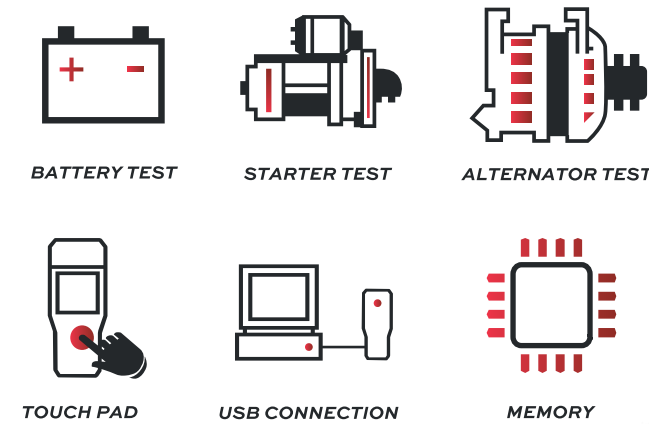
CCA: 20 - 2000



## T6 BATTERY TESTER

### BATTERY TESTERS

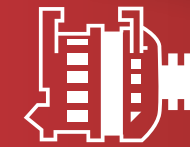
**12V**



GRAPHIC DISPLAY



DETAIL ENTRY



SMART ALTERNATOR



PREMIUM CARRY CASE



## T11 BATTERY TESTER BATTERY TESTERS

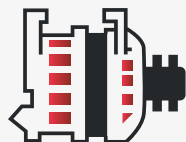
12V/24V



BATTERY TEST



STARTER TEST



ALTERNATOR TEST



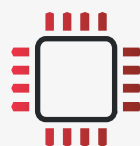
GROUND TEST



TOUCH PAD



USB CONNECTION



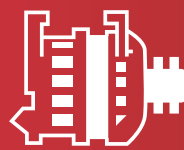
MEMORY



GRAPHIC DISPLAY



DETAIL ENTRY



SMART ALTERNATOR



PREMIUM CARRY CASE



PRINTER

## PB CLI 12V BATTERY GUARD

### POWERBOOZT CLI

Battery status and battery voltage meter in one. This compact meter is equipped with a bright LED indicator and shows the battery status at a glance. It is easy to install and perfect for permanent mounting. On the front there is a small push-button which makes it easy to switch the PB CLI on and off.



### SPECS

- Suitable for almost all types of lead-acid batteries.
- 12 Volt
- 2 wire connection: + and - wire to the battery set to be measured
- Dimensions (WxHxD): 47 x 28 x 22 mm
- Weight: 15 gram



# PB PS 500

## PORTABLE POWERSTATION



### TECHNICAL DATA SHEET

Specifications			
Rated power	500 W	Charging by car and solar	DC 13V-30V/7A (MAX), solar 18V
Peak power	1000 W	Charging voltage and current	AC 80V-260V,16.8V/7A
Output voltage	AC 230V/50Hz, DC 12V/8A (max. 15A), USB 5V/2A	Protection	Over-voltage, low-voltage, over temperature, overload and AC short circuit protection
Battery type	Lithium-ion battery	LED	3 x 1W
Battery capacity	529 Wh (10.8V/49Ah)	Size LxWxH [mm]	206 x 149 x 266
Life cycle	1000 @ 70% DoD	Weight [kg]	4,5

### FEATURES

- AC pure sine wave output
- Solar charging and car charging directly
- Small size, light weight, easy to carry
- Output port quantity: 2 x AC 230V/50Hz; 2 x DC 12V/8A; 2 x USB 3.0 5V/2A



DC-12



AC OUTPUT



LED LIGHT



USB



# PB RHINO

## PURE SINE WAVE INVERTER



**PB-RHINO-1000-12-L**  
(L = WITH LCD)

**PB-RHINO-4000-24**  
(WITHOUT L = WITHOUT LCD)

### REMOTE CONTROLS

A remote-control port on the front panel allows connection to an optional remote control unit.

**RRC80**  
**RRC80W**

standard remote control  
standard wireless remote control



**RRC80**

**RRC80W**

**RRC90D**

### FEATURES

The PowerBoozt Rhino-L Pure Sine Wave inverters are available from 300 W to 4000 W and with an input voltage of 12 Vdc, 24 Vdc and even 48 Vdc. All models from 600 W feature a brightly blue lit LCD which displays battery status, battery voltage and power. The device is equipped with several protection functions at both input and output. Users are alarmed by an acoustic signal when the inverter detects a possible fail ure. For example, when the battery voltage is getting too low or the temperature in the inverter exceeds a certain value. In case of serious errors the inverter switches off immediately. Depending on the power demanded, Any 230 VAC consumer can be connected. The inverter is always generating a pure sine wave which means that devices such as coffee machines, microwaves will operate without any problems.

Additional benefit is the working of battery chargers for bicycle battery-charger or chargers for electric tools will not suffer any damage over time. **This makes the inverter ideally suited for semi-professional applications.**

The pure sine wave inverters of the Rhino series are characterized by an *excellent price-performance ratio* and the *recognizable and ergonomic housing*.

### PB-RHINO-L (WITH LCD)

The PowerBoozt Rhino-L is also available without LCD but still the same reliability: PowerBoozt Rhino

Type	Vdc	Pnom	Sinus	Peak	L x W x H (mm)	Weight	Display
PB-RHINO-600-12-L	12 Vdc	600 W	Pure Sine Wave	1200 W	280x168x96	2 kg	LCD
PB-RHINO-1000-12-L	12 Vdc	1000 W	Pure Sine Wave	2000 W	341x168x96	3 kg	LCD
PN-RHINO-1500-12-L	12 Vdc	1500 W	Pure Sine Wave	3000 W	335x252x101	4,8 kg	LCD
PB-RHINO-2000-12-L	12 Vdc	2000 W	Pure Sine Wave	4000 W	335x252x101	5 kg	LCD
PB-RHINO-2500-12-L	12 Vdc	2500 W	Pure Sine Wave	5000 W	480x252x101	6,8 kg	LCD
PB-RHINO-3000-12-L	12 Vdc	3000 W	Pure Sine Wave	6000 W	480x252x101	7,5 kg	LCD
PB-RHINO-4000-12-L	12 Vdc	4000 W	Pure Sine Wave	8000 W	570x252x103	8,9 kg	LCD
PB-RHINO-600-24-L	24 Vdc	600 W	Pure Sine Wave	1200 W	280x168x96	2 kg	LCD
PB-RHINO-1000-24-L	24 Vdc	1000 W	Pure Sine Wave	2000 W	341x168x96	3 kg	LCD
PB-RHINO-1500-24-L	24 Vdc	1500 W	Pure Sine Wave	3000 W	335x252x101	4,8 kg	LCD
PB-RHINO-2000-24-L	24 Vdc	2000 W	Pure Sine Wave	4000 W	335x252x101	5 kg	LCD
PB-RHINO-2500-24-L	24 Vdc	2500 W	Pure Sine Wave	5000 W	480x252x101	6,8 kg	LCD
PB-RHINO-3000-24-L	24 Vdc	3000 W	Pure Sine Wave	6000 W	480x252x101	7,5 kg	LCD
PB-RHINO-4000-24-L	24 Vdc	4000 W	Pure Sine Wave	8000 W	570x252x103	8,9 kg	LCD

**RRC80**  
**RRC80W**

standard remote control  
standard wireless remote control



## PB-RHINO (WITHOUT LCD)

Type	Vdc	Pnom	Sinus	Peak	L x W x H (mm)	Weight	Display
PB-RHINO-300-12	12 Vdc	300 W	Pure Sine Wave	600 W	210x106x70	1 kg	NO
PB-RHINO-600-12	12Vdc	600 W	Pure Sine Wave	1200 W	280x168x96	2 kg	NO
PB-RHINO-1000-12	12 Vdc	1000 W	Pure Sine Wave	2000 W	341x168x96	3 kg	NO
PB-RHINO-1500-12	12 Vdc	1500 W	Pure Sine Wave	3000 W	335x252x101	4,8 kg	NO
PB-RHINO-2000-12	12 Vdc	2000 W	Pure Sine Wave	4000 W	335x252x101	5 kg	NO
PB-RHINO-2500-12	12 Vdc	2500 W	Pure Sine Wave	5000 W	480x252x101	6,8 kg	NO
PB-RHINO-3000-12	12 Vdc	3000 W	Pure Sine Wave	6000 W	480x252x101	7,5 kg	NO
PB-RHINO-4000-12	12 Vdc	4000 W	Pure Sine Wave	8000 W	570x252x103	8,9 kg	NO
PB-RHINO-300-24	24 Vdc	300 W	Pure Sine Wave	600 W	210x106x70	1 kg	NO
PB-RHINO-600-24	24 Vdc	600 W	Pure Sine Wave	1200 W	280x168x96	2 kg	NO
PB-RHINO-1000-24	24 Vdc	1000 W	Pure Sine Wave	2000 W	341x168x96	3 kg	NO
PB-RHINO-1500-24	24 Vdc	1500 W	Pure Sine Wave	3000 W	335x252x101	4,8 kg	NO
PB-RHINO-2000-24	24 Vdc	2000 W	Pure Sine Wave	4000 W	335x252x101	5 kg	NO
PB-RHINO-2500-24	24 Vdc	2500 W	Pure Sine Wave	5000 W	480x252x101	6,8 kg	NO
PB-RHINO-3000-24	24 Vdc	3000 W	Pure Sine Wave	6000 W	480x252x101	7,5 kg	NO
PB-RHINO-4000-24	24 Vdc	4000 W	Pure Sine Wave	8000 W	570x252x103	8,9 kg	NO
PB-RHINO-600-48	48 Vdc	600 W	Pure Sine Wave	1200 W	280x168x96	2 kg	NO
PB-RHINO-1000-48	48 Vdc	1000 W	Pure Sine Wave	2000 W	341x168x96	3 kg	NO
PB-RHINO-1500-48	48 Vdc	1500 W	Pure Sine Wave	3000 W	355x252x101	4,8 kg	NO
PB-RHINO-2000-48	48 Vdc	2000 W	Pure Sine Wave	4000 W	355x252x101	5 kg	NO
PB-RHINO-2500-48	48 Vdc	2500 W	Pure Sine Wave	5000 W	480x252x101	6,8 kg	NO
PB-RHINO-3000-48	48 Vdc	3000 W	Pure Sine Wave	6000 W	480x252x101	7,5 kg	NO
PB-RHINO-4000-48	48 Vdc	4000 W	Pure Sine Wave	8000 W	570x252x103	8,9 kg	NO

**RRC80**

Remote control LED - compatible with all RHINO inverters

**RRC80W**

Remote control wireless - compatible with all RHINO inverters

**RRC90D**

Remote control with LCD display - only compatible with RHINO without LCD

## PB IBW 230 25(C) INSULATION MONITORING



**PB-IBW 230-25**



**PB-IBW 230-25C**

### INSULATION MONITORING MADE SIMPLE

230 Volt in your vehicle or mobile workshop which is common nowadays. The generator or inverter in the vehicle supplies the required 230 AC voltage so that the connected equipment and / or tools operate as were they were connected to the 230 volt network. What many users underestimation is the safety. An earth leakage circuit breaker is (not without a certain reason) mandatory in houses and buildings. In case of an earth fault or accidental contact, the earth leakage circuit breaker switches off the 230 volt power immediately to prevent personal injury (or worse).

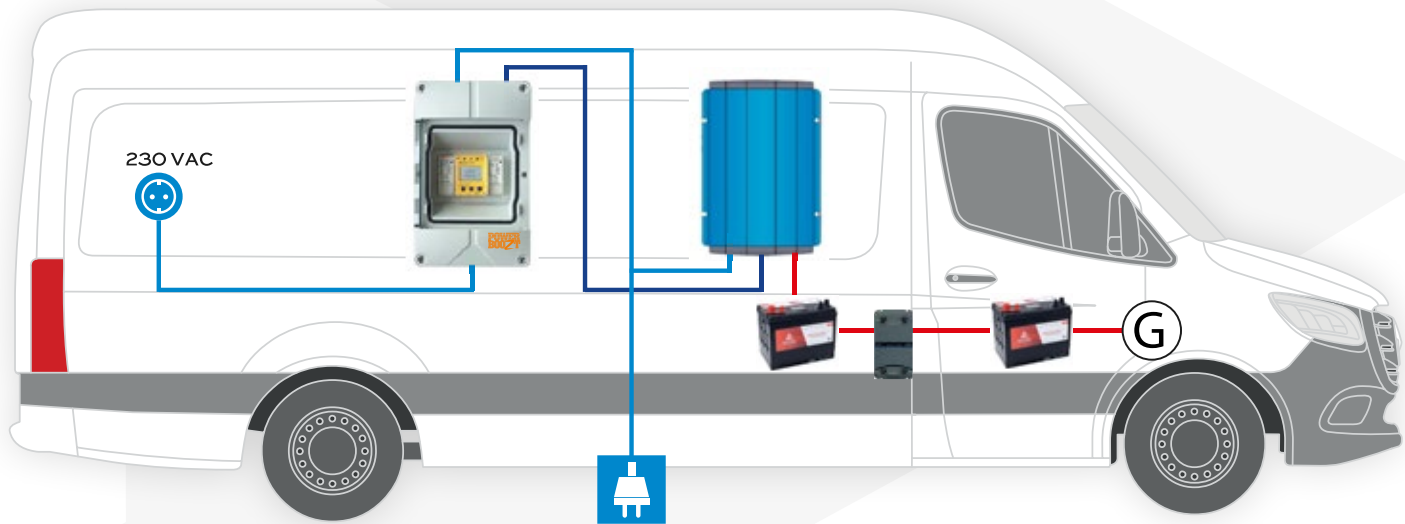
However, in a mobile application, an earth leakage circuit breaker isn't a reliable safety. Because of the rubber tires, the vehicle is isolated from the ground and earth which makes an earth circuit breaker useless. As soon as het generated AC power in the vehicle is transported outside the vehicle, a life-threatening situation arises in case of an earth-failure or contact with all its consequences for life-threatening situations with a great high risk of electrocution. Even double insulated tools don't provide any protection in these situations.

**Avoid liability and protect yourself and fellow users against these risks. As an employer you are responsible and you should be aware of users who might use the 230Vac in the vehicle, don't understand or underestimate the dangers.**





# PB IBW 230 25(C) INSULATION MONITORING



## INSULATION MONITORING MADE SIMPLE

The solution is simple: With the IBW 230-25 behind the inverter, you can work safely under all circumstances and the user is protected against the dangers of an earth fault, contact and / or electrocution. The IBW 230-25c has been specially developed for combi inverters. Both models meet the most stringent requirements and offer 100% security under all circumstances.

Both models meet the highest safety requirements and offer 100% protection.

Type	Current	Capacity	Switching current	Frequency	Weight	Housing	Measurements	IP classification
PB-IBW 230-25	230 Vac	5750 W	25 A	50-60 Hz	1,75kg	Ake 03	100x150x96 mm	IP56
PB-IBW 230-25c	230 Vac	5750 W	25 A	50-60 Hz	2,05 kg	Ake 3	125x200x122 mm	IP56

The IBW 230-25C is specially designed for combination with (charging) inverters.

## STANDARDS:

NEN1010-7-717, IEC 60364-7-717, DIN VDE 0100-717 (2005) Electrical installations in mobile or transportable units

Meets the requirements of the device standards:

- DIN EN 61557-8 (VDE 0413-8)
- EN 61557-8
- IEC 61557-8
- EC 61326-2-4
- DIN EN 60664-1 (VDE 0110-1)
- DIN EN 60664-3 (VDE 0110-3)
- ASTM F1669M-96 (2007)
- ASTM F1207M-96 (2007)







## AYTRA DISTRIBUTION

Daily shipments across Europe. Distribution centers located in Belgium and Netherlands.



## OUR DELIVERY NETWORK.

Aytra® sales and distribution network ensures a high availability of products combined with the best service at the shortest possible lead times.







**FOR INQUIRIES.**

Toekomstlaan 17  
3600 Genk / Belgium

+32 476 97 73 91

[info@aytrabatteries.com](mailto:info@aytrabatteries.com)

[www.aytrabatteries.com](http://www.aytrabatteries.com)







**NOTES.**



**NOTES.**





[WWW.AYTRABATTERIES.COM](http://WWW.AYTRABATTERIES.COM)



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