



Trust *DURST* to keep you moving



Automotive test diagnostic and charging equipment catalogue

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SOME OF OUR CUSTOMERS



AUSSIE KNOW HOW



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1 YEAR WARRANTY
Repaired & Serviced in Australia
Must be Returned to Manufacturer



HYPASTART

The Always-Ready Super Capacitor Jump Starter COMMERCIAL RANGE



HYPAX2500-AUTO



HYPAX2500-TRAN



HYPAX4500-HEAVY

Designed, developed and manufactured by Durst Industries, the Hypastart series of professional capacitor based jump starters are Australian made and built with durable, powder coated aluminium frame providing a versatile lightweight unit, compliant with WHS regulations.

The new Durst Hypastart series of jump starters are simply the safest, lightest and most powerful industrial jump starters for all petrol and diesel engines up to 50L in displacement and exceeding class 9+ vehicle classifications.

The Hypastart will jump start any size vehicle or fleet, all day - every day without recharging from a wall.

HYPASTART PORTABLE JUMP STARTERS

SPECIFICATION	INDUSTRY	VOLTAGE	PEAK AMPS	STARTING CURRENT
HYPAX1500	AUTO (12V only)	12V	18,000	1150A
HYPAX2500 AUTO	AUTO (12V only)	12V	36,000	1150A
HYPAX2500	TRANSPORT	12/24V	36,000	1150A - 12V 2300A - 24V
HYPAX2500-24	TRANSPORT (12V only)	24V	36,000	2300A
HYPAX2500MS-CAT	MINING	12/24V	36,000	1150A - 12V 2300A - 24V
HYPAX2500MS-CAT-600	HYBRID MINE	24V	36,000	2300A 40A RUN
HYPAX4500MS	MINING	12/24V	72,000	1150A - 12V 2300A - 24V
HYPAX4500MS-HEAVY	TRANSPORT	12/24V	72,000	1150A - 12V 2300A - 24V
HYPAX2500 AIR	AIR	12/24V OR SINGLE VOLTAGE 12-24-26-28	36,000	1150A - 12V 2300A - 24V
HYPASTART X2500 MARINE	MARINE	12/24V	36,000	1150A - 12V 2300A - 24V



Learn more



HYPASTART



INDUSTRIAL RANGE



X2500-MS-CAT **MINE**



X2500 **AIR**



X2500 **MARINE**



X4500 **MINE**

The Hypastart is a battery-less jump starter incorporating high capacity super capacitors creating a product that is not only lightweight and ultra-powerful but super safe to use and unlike traditional lead acid or lithium battery jump starters there is no chance of gassing, fire or explosion. Hypastart can be recharged in a matter of minutes from various sources. The unit is supplied with an AC adaptor but can also be recharged from any DC source up to 30V including energising from a flat battery ensuring you have an “always ready” jump pack when needed most.

A range of start leads and accessories are available as optional extras with the Hypastart.

Big Mother Jump Starters

The Durst BJT-510B and BJT-520B industrial jump starter are in a league of their own, if you need to start up large trucks, heavy machinery, earth moving or large mining equipment with dead flat batteries this is the unit for you. The BJT-520B can deliver industry leading cold cranking amps, it is rated at CCA 2400 at 24 volts, CCA 4800 at 12 volts.

Durst Industries has gone one step further and it now supplies the BJT-510 / 520B on Towable Trailer. The trailer unit provides easy transportation of the jump starter to the vehicle that needs to be started. Durst also can supply custom lead sets and lengths to suit most heavy duty vehicles including Anderson Plugs, Cat / Volvo plugs as well as leads with extra heavy duty clamps.

If you need a specialized hitch, we're also able to fit that to the trailer including standard ball and pintle, others are available on request. Trailers are supplied with a VIN plate, jockey wheel, spare wheel and lighting, registration is not included. Call us to discuss the options you require.



Learn more



Heavy Duty Workshop Jump Starters



Learn more

FEATURES

- Fully sealed, maintenance free, high quality AGM Batteries on all units for long trouble free life
- All units are fuse, anti-spike and reverse polarity protected
- Battery isolation switch with voltage selector and Indicator
- Pneumatic wheels on all trolley models
- All units are powder coated steel cased and made by Durst in Australia for long life under extreme conditions
- OH&S compliant
- Will jump start vehicles with dead flat batteries
- Can be used as a portable power supply
- No exposed connections or components to minimise any OH&S Risk
- Automatic switchmode battery charger supplied with every unit to recharge the pack
- Available in 12 volt only, 24 volt only or a combination of 12 and 24 volt or custom built voltages for Aviation and Rail Industry.

The BJT Series of jump starters are strong, reliable and able to repeatedly start heavy vehicles and fleets. These unique Jump Starters are now the highest capacity units available on the market and withstand punishment under the most trying of circumstances. The BJT units are very popular with car and truck dealers, workshops, TAFE colleges, government and private bus fleets, local councils, transport companies, mining and earthmoving companies, the military, aviation, the list goes on.

DURST MOBILE JUMP STARTERS

Durst Model BJT	BJT-75 Dino	BJT-4000 Rhino T	BJT-200 Scorpion	BJT-201 Scorpion 24	BJT-510B Big Mother	BJT-520B Big Mother +
Volts 12	Y	Y	Y		Y	Y
Volts 24		Y	Y	Y	Y	Y
Volts 36						
AGM Batteries	Y	Y	Y	Y	Y	Y
Amps @ 12 Volts						
Cranking Amps	900	720	1,960		3,600	
Cold Cranking Amps	785	680	1,600		3,200	
Peak Amps est	3,400	4,400	7,000		16,000	
Amps @ 24 Volts						
Cranking Amps		360	980	980	1,800	
Cold Cranking Amps		340	800	800	1,600	
Peak Amps est		2,200	3,500	3,500	8,000	
Anti Spike	Y	Y	Y	Y	Y	Y
Fuse protection	Y	Y	Y	Y	Y	Y
Buzzer Reverse Connection	Y	Y	Y	Y	Y	Y
Charger Automatic Switch Mode	6 Amps 12V	4 Amps 24 V	12 Amps 24 V	12 Amps 24 V	25 Amps 24 V	25 Amps 24 V
Cable Length Meters	1.8m	1.8m	2.0m	2.0m	3.0m / 5.0m	3.0m / 5.0m
Cable Size Primary	35mm ²	35mm ²	70mm ²	70mm ²	95mm ²	95mm ²
Cable Size Secondary					70mm ²	70mm ²
Dimensions WxDxH cm	31x20x98	31x20x98	57x33x104	57x33x104	30x113x63	60x113x63
Weight Kgs.	34	34	57	57	260	320

Portable Jump Starters

1 YEAR WARRANTY
 Repaired & Serviced in Australia
 Must be Returned to Manufacturer



BJC-4000AP RHINO



BJC-4000 RHINO



BJC-4000MS RHINO

Durst have the range of Super Heavy Duty Long Life Portable Jump Starters that will get the job done without giving you grief.

Manufactured for Australian conditions by Durst, our jump starters are all steel cased and use the very latest technology in fully sealed AGM batteries to give maximum output well in excess of what the competition can offer.

Catering for either 12volt or 24volt systems or a combination of both, Durst Jump Starters are anti-spike and fuse protected as well as incorporating a reverse polarity warning buzzer so you can't go too far wrong.

The BJC-2000 and BJC-4012 are extensively used by car dealers and workshops alike. We then move up to the mighty and very popular BJC-4000 that delivers a impressive 4000 Peak Amps at 12 volts and a very strong 2000 peak amps at 24 volts, all in a package that weighs less than 20Kg. If you would like a trolley version, see the BJT-4000.

The BJC-4024 is a 24 volt only version of the BJC 4000 manufactured to cater for Industrial and Government applications.



Rhino Lithium



Learn more

Durst supply a fully automatic switchmode charger included in the price of every jump starter. These set and forget chargers plug into the rear of the jump pack and will keep the batteries at optimum charge levels. If you require recharging whilst driving along between jobs, Durst can provide as an optional extra, a DC-DC switchmode charger in either 12-12 volt or 12-24 volt and the necessary wiring harness to make it happen.

DURST POWERFUL PORTABLE JUMP STARTERS

Durst Model BJC	BJC-4012 Rhino-12	BJC-4000 Rhino	BJC-4000AP Rhino-AP	BJC-4000MS Rhino-MS	BJC-4024 Rhino-24	BJC-4800-Li Rhino Lithium	BJC-4038 Hippo-24
Volts 12	Y	Y	Y	Y		Y	
Volts 24		Y	Y	Y	Y	Y	Y
Amps @ 12 Volts							
Cold Cranking Amps	550	680	680	680		800	
Peak Amps	4,100	4,400	4,800	4,400		4,800	
Amps @ 24 Volts							
Cold Cranking Amps		340	340	340	340	400	400
Peak Amps		2,200	2,200	2,200	2,200	2,400	2,400
Buzzer Reverse	Y	Y	Y	Y	Y	Y	Y
Anti Spike	Y	Y	Y	Y	Y	Y	Y
Fuse protection	Y	Y	Y	Y	Y	Y	Y
Charger Automatic Switch Mode	6 Amps 12V	4 Amps 24 V	4 Amps 24 V	4 Amps 24 V	4 Amps 24 V	4 Amps 24 V	4 Amps 24 V
Cable Length m	1.8	1.8	1.8	1.8	1.8	1.8	1.8
Cable Size mm ²	35	35	35	35	35	35	35
Dimensions WxDxH cm	21x24x39	21x24x39	21x24x39	21x24x39	21x24x39	21x24x39	21x24x39
Weight Kgs.	18.5	18.5	18.5	18.5	18.5	20 without Cable 22 with Cable	2 x 15



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Industrial Workshop Battery Chargers

1 YEAR WARRANTY
 Repaired & Serviced in Australia
 Must be Returned to Manufacturer



Durst are the market leaders in Industrial and Automotive Battery Chargers with voltage ranges including 6, 12, 18, 24 and 36 volts and amperage outputs from 10 amps to the peak performing BC-6100T with an extraordinary 100 amps at both 12 and 24 volts!

To accommodate the very wide cross section of applications in the marketplace Durst have developed ranges that will suit just about any requirement. All chargers have Operating Instructions on the front panels, easy to read meters, fully protected transformers, re-settable overloads and reverse polarity warning lights.

BC-430 Series - Exceptional General purpose 40 Amp Industrial charger that comes in either carry version or trolley version (same specs). Voltage ranges include 6, 12, 18, 24 and 36 volt and provides up to 400 Amp Boost start capacity to enable Jump Starting a vehicle. Full powder coated steel construction with Heavy Duty Transformer, wiring, cables and switches to withstand the roughest treatment and live a long trouble free life. Defence Stock Number NSN-6130-66-085-8304.



Learn more

BC-6100 Series - Only available in trolley version but what a package! This Market Leader has 12 and 24 volt settings with maximum continuous output of 100 Amps at 12 volt and 100 Amps at 24 volts, not to mention a massive 1200 Amp boost start capacity!

The unique transformer design of the 6100 allows for this higher output to meet and exceed the demanding requirements of the Heavy Vehicle, Earthmoving and Mining Industries, or any other application where high charge rates are required and time is of the essence.

Whatever you would like in a Battery Charger, Durst will generally be able to supply you ex stock from our Sydney factory.

Industrial Workshop Battery Chargers



BC-460

BC-460 Series

A step up on the BC-430, the BC-460 has 80 amp output with 6, 12 and 24 volt settings.

The 460 utilises the same robust components that the BC-430 uses and is also available in carry or trolley versions. Jump Start capacity to 600 Amps if you need to get it going in a hurry. BC-430 Defence Stock Number NSN-6130-66-085-83045.

BC-460 Defence Stock Number NSN-6130-66-148-6825



BC-325-24

BC-430



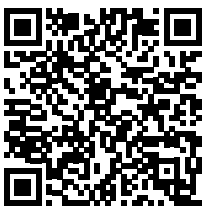
BC-325-12

BC-325 Series 6, 12, 24, 36 Volt COMPACT BOOST START CHARGERS

The ideal workshop charger for any application, automotive, marine, aviation, or the farm. The uses for this popular range of chargers are endless. Available in either trolley or carry versions, the robust powder coated steel construction is manufactured by Durst in Australia for Australian conditions no matter where you are.

Available in 6, 12, 24, or 36 volts, or a combination of 6/12 and 12/24 volts, the 325's unique transformer is designed to give up to a full 25 Amps charging at any of the nominated charging voltages, plus a jump start capacity of 350 Amps as well!

Every 325 Series charger has the same features as its bigger brothers, such as easy to read ammeter, strong 4 position rotary amp switch, reverse polarity warning light, heavy duty wiring, cables and a re-settable overload button.



Learn more

DURST INDUSTRIAL WORKSHOP BATTERY CHARGERS

Durst Model BC	BC-6100T	BC-460T	BC-460	BC-430T	BC-430	BC-325-36T	BC-325-24T	BC-325-24	BC-325-12T	BC-325-12
Jump Start Amps	1,200	600	600	400	400	350	350	350	300	300
Peak Est.	12,000	9,600	9,600	6,400	6,400	5,600	5,600	5,600	4,800	4,800
Amps int.	100	80	80	40	40	30	30	30	30	30
Amps Cont.	100	60	60	30	30	25	25	25	25	25
6 Volts	NA	60	60	30	30	NA	NA	NA	NA	NA
12 Volts	100	60	60	30	30	25	25	25	25	25
24 Volts	100	30	30	15	15	25	25	25	NA	NA
36 Volts	NA	NA	NA	10	10	25	25	NA	NA	NA
Dimensions WxDxH cm	57x33x104	40x50x102	26x37x37	40x50x102	26x37x37	38x30x95	38x30x95	30x20x25	38x30x95	30x20x25
Weight Kgs.	38	32	25	29	22	24	22	15	18	11



Workshop Battery Chargers and Power Supplies



Learn more



BCD-WSC-1225

Charge Batteries in Vehicle without damage to ECU or other Electronic Components (Even Calcium Batteries!) Utilising the many features, simplicity and quality of the Durst BCS Range noted previously, Durst have taken it a step further and enclosed these models in a protective powder coated steel case for workshop use that is conveniently fitted with a carry handle, rubber feet, cables and insulated clamps.

The BCD Range maintains FULL BATTERY VOLTAGE whilst the Technician is working on

The uses and applications for these premium chargers are endless!

the vehicle or downloading data so there are no missed readings from scanners or other associated diagnostic equipment.

Available in 12 volt (15, 25, 50, 80 Amp) or 24, 36 & 48 volt (15, 25 & 48 Amp) versions, the BCD range is available in single, dual or triple channel versions, depending on the model. Multiple channel versions come with a lead set for each channel. As with the BCS range, remote control panel and a battery temperature sensor are available as options.

Programming Power Supplies



The Durst Automotive Programming Power Supply maintains FULL BATTERY VOLTAGE without harming the sophisticated electronics when technicians are working on the vehicle during long programming and test procedures.

The Durst Programming Power Supply was developed for the Automotive market after Durst discovered workshops were losing valuable time and money during Up and Downloading data to the ECU and general Diagnostic Testing.

With the ever increasing range of more expensive, new technology batteries that are connected with the ECU and main processor units, and some data transfers taking up to 9 hours to load, any failure such as voltage and current spikes are catastrophic to vehicle electronics.

Cheap battery chargers and basic power supplies are totally unsuitable for this dedicated application, as sensitive electronics in the ECU are easily destroyed by incorrect voltage & current.



Gang Chargers



BC-1696 Dual Channel Industrial Gang Charger

Top of the range battery charger designed to suit the battery service industry. Fuse Protected. Large, easy to read 10 amp meters. Designed for continuous use. Fan ventilated. Illuminated rocker switches. Working range 6-96 volts. Variable charge current with 99 variations from coarse to fine charging. Twin heavy duty copper-wound separately switched transformers.



Learn more



BC-308-72 Gang Charger

Single channel charger, fuse protected, easy to read amp meter. Fan ventilated, illuminated rocker switches. Working range 12-72 volts, 8 amps continuous, variable current via 11 position rotary switch. This is virtually 50% capacity of BC-1696 model.



DURST FIREPORT 300/200/100

The new Durst FirePort range of fully automatic industrial battery chargers are designed for large scale battery charging and maintenance charges.

The FirePort features four channels capable of up to 80A output per channel. Each channel can be controlled independently of each other enabling the user to charge multiple types, chemistries and sizes simultaneously, quickly and safely.

Durst FirePort is a parallel configured fully automatic gang charger, each output port can support a full pallet of batteries for a complete 4 stage controlled charge or a simple one touch maintenance equalisation charge. If rapid equalisation or charging is required all four channels can be utilised on a single bank or pallet of batteries reducing maintenance charges by up to 80 percent in time.

Now its possible to charge agm, flooded, spiral, calcium all with different capacities simultaneously in a fully automatic set and forget regime with the FirePort completing and holding a maintenance level.

Each FirePort channel can be configured accurately via channel display control allowing the user to customise voltage and current output to their specification. Simple one touch half power and equalisation modes are available for each channel with live display of voltage and current outputs with expired time and charge phase.

Durst FirePort is available in three models

DFP-12300-80 (80A per channel) requires 32A circuit
DFP-12200-50 (50A per channel) requires 20A circuit
DFP-12100-25 (25A per channel) requires 10A circuit

FIREPORT



Super Duty Carbon Pile Battery Load Testers



BT-2003F Battery Load Tester 500 Amps (6.0kw)

Accurate load current control incorporating heavy-duty carbon pile load rheostat. Cooling fan for reliable continuous use. Includes new flexible heavy duty cable with built-in volt trace wire for high accuracy. Insulated current clamps for maximum safety and protection. Spiral cable protectors. Volts 0-8, 0-16 volts Amps 0-1000 CCA, 0-500 amps, 0-150 amp/hour.

BT-2003F Defence Stock Number
NSN-6625-66-130-2681

BT-2003FT built into an ergonomically designed trolley with shelf to fit BC-430 Battery Charger

BT-2003FD With fan cooling and digital readout

BT-3006F Heavy Duty Battery Load Tester 1000 Amps (12.0kw)

Designed to test Heavy Duty 6,12 and 24 volt batteries from passenger vehicles all the way up to N200 batteries as fitted to trucks, tractors, earth moving, mining, aircraft, marine including deep cycle and other equipment. Provides the correct load for high rate discharge, cold cranking and amp/hour testing. Dual fan cooling for volume or production use. Accurate load current control incorporating heavy duty carbon pile load rheostat. Separate analogue Volt and Amp meters for easy operation (digital meters optional). Volts 0-8, 0-16, 0-32 volts. Amps 0-2000 CCA, 0-1000 amps, 0-300 amp/hour.

BT-3006F is same as trolley version BT-3006FT

BT-3006FD is same as trolley version BT-3006FDT, with digital readout

BT-3006M with special modification for Super Heavy Duty use such as railway applications.
BT-3006F Defence Stock Number
NSN -6625-66-148-6417

BT-570F Battery Load Tester 500 Amps (6.0kw)

High rate accurate discharge through heavy duty carbon pile load rheostat. Suitable for 6 and 12 volt batteries. Volts 0-16 volts Amps 0-1000 CCA, 0-500 amps, 0-150 amp/hour.



Learn more

Industrial Alternator/ Starter Test Benches



TB-E1200/4 Test Bench Model 1200 Series 2 Alternator Starter Test Bench New improved design

Durst Auto Electrical Test Bench is fast, easy and accurate. Tests alternators and starter motors.

DC Capacity: Test systems

6-12-24 Volt as Std

Voltage: 415V 50Hz

Three Phase

Drive Motor: Australian made

4.0 KW Heavy Duty

Test Starters to 1500Amps

Tests Alternators and

Generators to 2.64Kw



TB1200



TB1200

TB-1900S Test Bench Heavy Duty Industrial Starter Test Bench For Heavy Vehicle, Aviation, Mining & Defence Applications

Full load testing, imperial and metric torque measurement.

Rated for starters 24 volt up to 2,000 amps.

Features a specially designed full starter torque and free run system. Fitted with easy to read 3.5 digit digital meters: 0-200 Volts, 0-2000 Amps DC, Forward & Reverse, 0-20,000 RPM and 0-10,000 RPM Tachometer with simple setting pulley ratio switches.

The advanced design of the mounting slide table allows custom mounting brackets to be manufactured to suit special applications including Military & Aviation.



TB-1900S

TB-1900A Heavy Duty Industrial Alternator Test Bench For Aviation, Mining & Defence Applications

Designed to test the wide spectrum of units including the high output alternators found on heavy commercial vehicles. Features Extra Heavy Duty frame and specially designed full torque, variable speed electronic drive from 7.5Kw. upwards.

Voltage Selector: 6-36 Volt as Std

Voltage: 240V 50Hz Single Phase

Fitted with 3.5 Digit Digital Meters

Variable Speed Forward

10,000-0-5,000 RPM Reverse

- Automatic Calculation gives Accurate Alternator Speed

- Fully Switched Load Bank 8.4Kw

- Battery Voltage Selector 6-36 Volts

- Provision for Optional Oscilloscope

Drive Motor:

Variable Speed Electronic Drive

TB-1900A-7.5 — 7.5 Kw

TB-1900A-11 — 11 Kw

TB-1900A-15 — 15 Kw



Learn more

TB-E600DLX Test Bench

Alternator / starter motor test bench. Tests alternators & generators, 12 volt, 100 amp Testing of starter motors to 500 Amps Diode and regulator tester included. Ideal for reconditioners and education providers.



TB-E600DLX



Durst Industries manufacture a range of portable high quality high capacity load banks to suit many and varied applications. If we can't supply you with a unit off the shelf that will suit your needs, we will simply build you one.

Ideal mobile test units for UPS systems, GPU, Solar Power Systems, large battery banks or Defence applications. Available in nominal voltages of 6, 8, 12, 24, 32, 36, 48, 72 or 108 with other voltages available upon request. All units are made from powder coated steel and all are fan cooled with multiple switching arrangements that give total flexibility in either small or large increments.

Test Bench Accessories



TBA-667 Carbon Pile Rheostat



TBA-668 Field Ammeter

Designed for battery loading from 200amps to 500amps intermittently. Unit supplied with heavy duty leads and booster clamps. Steel ventilated cabinet. An ideal accessory for loading alternators on your test bench.



[Learn more](#)

Load Banks



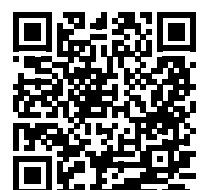
Mobile switchable load bank with easy to read analogue amp meter up to 70Amps at 12Volts. Ideal mobile test unit for testing 12V UPS, Solar Power systems, Durst test benches and other large battery banks. Multi switching positions to allow total flexibility from 5 Amps to 70 Amps in 5A increments. Fan cooled to give 100% duty and high reliability. Custom voltages and currents available on request. Also suitable for other applications.



LBT-24-256



LBT-48-288B



[Learn more](#)

SwitchMode Chargers, Fully Automatic Premium Switchmode Battery Chargers

DURST BCS RANGE OF FULLY AUTOMATIC BATTERY CHARGERS

With the Durst WSC Range of SwitchMode chargers you will receive the highest level of quality and performance that you would expect from a Durst product. Available in 12 volt (15, 25, 45 Amp), 24 volt (15 and 25 Amp), 36 volt (20 Amp) and 48 volt (20 Amp) versions, the WSC range is available in single, dual or triple channel versions, depending on the model, and are recommended for batteries from 50 to 800 Ampere Hour Rating.

Complimenting these chargers are accessories such as remote controls and temperature sensors that make the Durst WSC range ideal for permanent installations such as Marine and Industrial situations where access to the charger and/or batteries may be limited.

BCS-2425B Defence Stock Number NSN-6130-66-157-1101



Learn more



WSC-1215
WSC-1230
WSC-2415

FEATURES OF THE BCS RANGE

- Fully Automatic SwitchMode Operation, Fast, Safe, Efficient and Economical to run
- Input Voltage 100-240 Volts AC @ 50Hz
- Overcharge and Short Circuit protection
- Spike and Surge Suppression
- Insulated Output Terminals to prevent accidental contact
- Can be used as a DC Power Supply
- Optional Remote Control and Temperature Sensor
- Half Power Silent Sleep Mode

DURST WSC SWITCH MODE CHARGERS

WSC Models	WSC-1230	WSC-2415	WSC-1250	WSC-2425	WSC-1280	WSC-2440
Input Voltage Range	100-240 VAC	100-240 VAC	100-240 VAC	100-240 VAC	100-240 VAC	100-240 VAC
Input Current at 240VAC	2.2A	2.2A	3.62A	3.15A	5.81A	5.62A
Charge Mode	3 Stage	3 Stage	3 Stage	3 Stage	3 Stage	3 Stage
Output Charging Voltage	14V, 14.4, 14.8	28V, 28.8V, 29.6V	14V, 14.4V, 14.8V	28V, 28.8V, 29.6V	14V, 14.4V, 14.8V	28V, 28.8V, 29.6V
Output Float Voltage	13.5V / 13.8V	27V / 27.6V	13.5V / 13.8V	27V / 27.6V	13.5V / 13.8V	27V / 27.6V
Output Charging Current	0-30A	0-15A	0-50A	0-25A	0-80A	0-40A
Equalisation Mode	14.8/15.5 (0-15A)	29.6/31 (0-8A)	14.8/15.5 (0-25A)	29.6/31 (0-12.5A)	14.8/15.5 (0-40A)	29.6/31 (0-20A)
Half Power Mode	0-15A	0-8A	0-25A	0-12.5A	0-40A	0-20A
Battery Types	Lead Acid, GEL, AGM, Li-Ion					
Battery Capacity	300 AH	200 AH	500 AH	250 AH	800 AH	400 AH
Operating Temperature	-20 to + 50 degrees C					
Dimensions (mm) LxWxH	265x171x70	265x171x70	292x210x75	292x210x75	327x210x75	327x210x75
Weight [kg]	1.6	1.6	2.5	2.5	3	3
Protective Devices	Short Circuit Protection, Over Voltage Protection, Over Current Protection, Battery Charger over Temperature, Battery Over Temperature					

SmartChargers Plug and play



BCS-A1210



BCS-A1206



BCS-A1225



BCS-A1230

Made from extruded aluminium, the BCS-A range of chargers are fully automatic, plug and play.

Fitted with thermostatically controlled cooling fans, these units are capable of 100% duty cycle. Available in 6, 12 and 24 volt variants with outputs of 3, 6, 10 and 20 amps refer to table below. Designed to charge any type of battery, including Gel, Wet Cell, Calcium or AGM.



Learn more

Lithium Battery Chargers

The BCS-L Lithium Battery Charger Range is made from extruded aluminium and is fully automatic, plug and play.

- Output Current: 10 / 20
- Wattage: 200
- Battery Size Ahr: 36Ahr - 120Ahr
- Meter / Indicator LED
- Input Voltage
100 - 240 Volts AC @ 47Hz - 63Hz
- Over Charge and Short circuit protection
- Spike & Surge Suppression
- Insulated Output terminals



CONTACT DURST IF YOU REQUIRE A SPECIFIC LITHIUM CHARGER

DURST BCS-A SERIES IUOU AUTOMATIC SMART CHARGERS

BCS-A MODELS	BCS-A0610	BCS-A0618	BCS-A1203	BCS-A1204 Gel Tech	BCS-A1206 BCS-A2404	BCS-A1210 BCS-A2407	BCS-A1216	BCS-A1220 BCS-A2412	BCS-A1225 BCS-A2414	BCS-A1230 BCS-A2417	
Meter	LED	LED / LCD	LED Indicators				LCD & LED Indicators				
Input Voltage AC	AC 100 - 240 Volts			47-63HZ			AC 200 - 240 Vac				
Frequency				47-63HZ							
Output Boost Volts	7.2	7.2	14.4	14.1	14.4 / 28.8	14.4 / 28.8	14.4	14.4 / 28.8			
Float Volts	6.9	6.9	13.7	13.7				13.7 / 27.4			
Current 6V	10	18									
Current 12V			3	4	6	10	16	20	25 Dual	30 Dual	
Current 24V					4	7			12	17	
Wattage at 6 / 12V	88W	147W	44W	58W	88W	147W	235W	294W	367W	441W	
Wattage at 24V					117W			353W			
Efficiency	> 87% [At Full Load] reduces power consumption										
Reverse Polarity Protect	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
Short-Circuit Protect	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
Overload Protect	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
Cooling Fan Protect	Speed Control set by Charging Stage Automatically										
Dimensions WxDxH mm	155x70x48	167x 103x50	155x70x48			167x 103x50	190x118x58		225x70x152		
Weight Kgs.	0.5	0.9	0.5			0.9	1.2		2.1 2.3		

AC Inverters



INV-121500



INV-12600



INV-122000



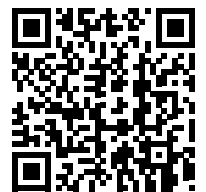
PURE SINE WAVE DC/AC INVERTERS

Durst Industrial Inverters range from 300watt up to 2000 Watts (other capacities available on request) and provide extremely stable and reliable clean power for mobile and permanent installations.

Highly recommended for products with sensitive electronics, timers or motor powered devices. Features include switching mode design, high efficiency, low harmonic distortion, pure sine wave output voltage, GFCI built-in for 1500W/200W and 12 or 24 VDC input and 115 or 230 VAC output. LED indicators for power, over load protection and over temperature protection.

The units also have protection for input low voltage and input over voltage as well as a low battery alarm and short circuit protection. They are light weight with solid extruded Aluminium case which acts as heat sink.

Applications include home electronics and appliances, battery chargers for camcorder, laptops, mobile phones etc. Ideal for Ambulances and emergency vehicles, camping, boating, caravans, mobile food or coffee vans and mobile field work.



Learn more

DURST PURE SINE WAVE INVERTERS

Durst Model INV-	INV-12300	INV-12600	INV-121000	INV-121500	INV-122000	INV-24300	INV-242000
Rated Input Voltage	12V DC	24V DC	12V DC	12V DC	12V DC	12V DC	12V DC
Constant Output Power	300W	600W	1,000W	1,500W	2,000W	300W	2,000W
Peak Output Power (a max. of 10 min.)	500W (350W)	1,000W (650W)	2,000W (1,200W)	3,000W (1,800W)	4,000W (2,200W)	500W (350W)	4,00W (2,200W)
Maximum Input Current	40A	70A	125A	188A	250A	20A	125A
Output Voltage 240VAC	240VAC +/- 3%						
Output Frequency	50 Hz						
Consumption 240VAC	<0.8A	<0.6A	<1.2A	<1.6A	<1.6A	<1A	<1A
Input Voltage Range	10.7V – 16.5V	21.4V – 33V	10.7V – 16.5V	10.7V – 16.5V	10.7V – 16.5V	21.4V – 33V	21.4V – 33V
Low Voltage Alarm	10.7V	21.4V	10.7V	10.7V	10.7V	21.4V	21.4V
Low Voltage Shutdown	10V	20V	10V	10V	10V	20V	20V
Efficiency Up To	85%						
Dimensions WxDxH cm	21x14.6x6	28x23.6x8.3	39.5x23.6x8.3	41.5x28.3x10	41.5x28.3x10	21x14.6x6	41.5x28.3x10
Weight Kgs.	1.46	2.46	4	5.75	5.9	1.46	5.9

TEST AND REPAIR

**Damaged or Broken Equipment
Reduce your environmental footprint**

**DURST can solve electronic charging, diagnostic
or battery problems, with custom made solutions**

If you have a faulty Jump Starter, Battery Load Tester, Battery Charger, Test Bench etc that you think has seen better days, we can repair it and make it like new again!

All brands of equipment repaired.

Send it in for an obligation free quotation.

You'll be surprised at the money you'll save.

- Test and Tag
- Calibration
- Repairs
- Recycle Old Products
- We dismantle and recycle all the metals and re-usable parts so that minimal waste goes to landfill
- WE recycle your old batteries



Learn more

**We Repair All Brands of Chargers and Jump Starters
All Durst Products Parts are Replaceable**

BESPOKE SOLUTIONS



Durst offers many off-the-shelf solutions that you purchase to use 'as-is'. Sometimes these solutions offer you the ability to customise the item, but overall, you simply take the system and make use of it out of the box.

Alternatively, we offer bespoke solutions (custom solution) built specifically around the requirements of the project. Rather than adhering to a wider range of generic requirements; the bespoke solution focuses on the core deliverables the client requires and delivers on the specifics.

Please contact our engineering development team to discuss your requirements.



ONBOARD

The Hypastart OnBoard is an automatic start assist device that will provide assistance starting engines in adverse environments and or with depleted or flat start batteries.

Once Hypastart OnBoard is installed and powered on, it will operate automatically, and seamlessly during every engine start.

DEFENCE



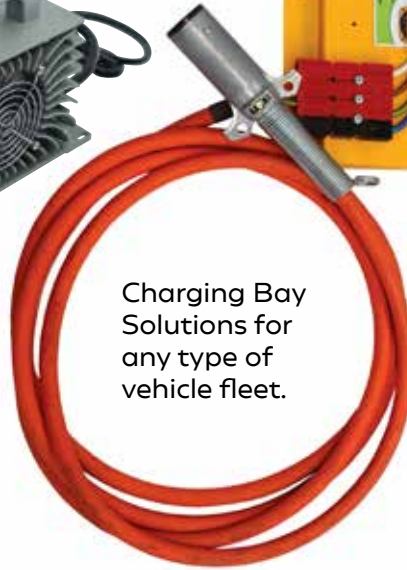
Hypastart Defence built to Jump Start Australian Tanks

RAIL

Maintenance free, Safe (no Lithium Batteries), powerful and portable Locomotive 72V jump starter with 10 minute recharge.

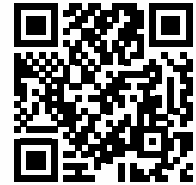


Fire and rescue Inverters and chargers



BCSW Wall Mount
BCSW-1225BS

Charging Bay
Solutions for
any type of
vehicle fleet.



Learn more

Waterproof chargers and inverters useful for emergency services vehicles, etc.

Solar Case



500Wh Industrial Grade Solar Personal Power Bank

The Durst Solar Case contained in a compact high power personal power bank designed to be used reliably in remote locations. The Durst Solar Case has a built in 500Wh Lithium battery and integrated Solar Panel trickle charger. The unit can be charged by the Internal PV's with the option to connect an external flexi PV array for increased power and charging time. The unit can also be charged from other 12V sources.

The Durst Solar Case features Tri Channel outputs with a combination of USB, 12V and Anderson connections which can be used concurrently as each port is fused independently. An integrated LCD battery capacity meter indicates live status of battery charge controlled by a Victron MPPT. Internally there is storage for cables, leads, external lights, etc. all housed in a rugged water and dust proof case.

The Durst Solar Case can be used to directly power all 12V equipment like lights, medical devices, phones, laptops, tablets, Fans, Pumps, compressors, etc. USB ports support both 5V and 18V can be used to directly power or charge devices.



DRSC- 12500-PC



Product page

SPECIFICATIONS

- 1400 Size Water/Dust Proof Rugged Case
- 500Wh LiFeP04 Battery
- 10W Internal PV/Victron MPPT
- Battery Capacity Meter
- External Charger/PV Input
- Switched/Fused Outputs
- USB Ports, 12V DC Outputs
- 2 X DIN Socket



Rotary website

Leads and plugs

WE CAN DESIGN AND MANUFACTURE LEADS TO SUIT YOUR SPECIFICATIONS

Premium Automotive Charging Leads

Premium Automotive Dealer showroom/workshop charger leads are manufactured from high grade silicon copper multi-strand core. These leads feature a built in replaceable fuse and safety disconnect system protecting users and equipment from potential hazards

when in use. Standard with screw terminal & Anderson plug which will connect to any brand charger. The leads are available in 2.5M Length with custom sizing available. Finished off in a high strength braided sleeve for maximum protection and longevity.



- LS-15AA Cable Set - Anderson to Anderson 1.5m 50mm²
- LS-15AL Cable Set - Anderson to Clamp 1.5m 50mm²
- LS-30AA Cable Set - Anderson to Anderson 3m 50mm²
- LS-30AL Cable Set - Anderson to Clamp 3m 50mm²
- LS-15CA Cable Set - CAT to Anderson 1.5m 70mm²
- LS-15CC Cable Set - CAT to CAT 1.5m 70mm²
- LS-15CL Cable Set - CAT to Clamp 1.5m 70mm²
- LS-30CA Cable Set - CAT to Anderson 3m 70mm²
- LS-30CC Cable Set - CAT to CAT 3m 70mm²
- LS-30CL Cable Set - CAT to Anderson 3m 70mm²



Piper and Cessna

Cessna Style AN2551 Aircraft power plug, mates with AN2552-2

Piper Style 11042 Aircraft Power plug, mates with 11041

Leads with Aircraft connectors are available for all Durst Jump starters and battery chargers and power supplies. Please call for your Aircraft ground power or jump start requirements.



Cessna Style AN2551

Piper Style 11042

Nato Plugs

Nato 11682338 Military Vehicle Jumper / slave plug, mates with 11674728

Nato 11674728 Military Power socket, mates with 11682338



DIN320 Battery Connector

Anderson Plugs

Durst can supply a full range of quality Anderson and SBX Plugs to suit any application. Available in all colours to suit the ISO Standards for Voltage with various size contacts available depending on the wire being used. Please specify cable size when ordering. Replacement contacts are also available should changes or repairs be required further down the track. Durst also manufacture leads to your specification and larger leads can be branded with your company name, please give us a call for further details.



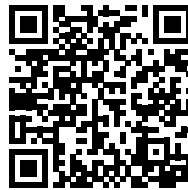
ELECTRIC VEHICLE CHARGING

Durst provide bespoke solutions for Electric Vehicle Charging for charging bays, portable chargers and cables. Please discuss your specific needs with your local Durst Sales Representative.



Learn more

Batteries - Marine and Deep Cycle



Learn more

Durst have the battery chargers to suit your application so what about the batteries?

Customers come to Durst with many and varied problems relating to RV's, Boats, Caravans, Camping and 4WD's etc that are usually a result of having purchased batteries that are not suitable for the type of application and a charger that is also probably incorrect. This can result in under charging, flat batteries, battery sulphation and reduced cycle time. The problems go on and all add up to one unhappy camper with a bit of a hole in the pocket.

Have you considered the type of battery you require, Gel, AGM or Flooded? Then do you require Maintenance Free, Deep Cycle etc and in what size? Is the charger I have going to be compatible with these types of batteries and is it going to be of sufficient capacity so I can leave the Caravan Park in the morning or have to wait all day for the battery to be charged? As you can see it is not so simple.

Why don't you call on our vast experience and let us supply you with a total package of battery/s and charger that are fully compatible with each other and give you the type of outcome and performance that you were looking for in the first place.

Before you part with your hard earned, why not give us a call. Eliminate at least one of the problems before you start.

Smart Personal Jump Starter

Portable for Car / Light Commercial vehicles
Features wireless charging

Accessories:

- 1 12V car jump starter
- Handy storage / carry case
- 1 Car charger
- 1 Home Adaptor
- 4 USB cable
- 1 Product manual
- 1 Smart clamp

Features:

- 2 USB ports,
- Charge For Mobile Phone, PSP, MP3/MP4/MP5, Camera, PDA
- Wireless charging
- Torch



BJS-A38



Replace your hazardous solvent parts washer with a DURST SmartWasher®

The only proven bioremediating system... SmartWasher with OzzyJuice, the Intelligent Solution

On March 24, 1987 disaster struck when the supertanker Exxon Valdez ran aground in Prince William Sound spilling over 10 million gallons of oil. It was Ozzy's chance to show what he could do...naturally.

How Ozzy Works

In simple terms, Ozzy eats oil and grease, which are also called hydrocarbons. When Ozzy has finished with them, the toxic, polluting hydrocarbons have been transformed into safe, everyday substances...water and carbon dioxide. That's why you don't need an expensive hauling contract, just a Durst SmartWasher.

Ozzy Is Safe

Some microbes, like Ozzy, are non-toxic and completely safe. Other friendly microbes are used in the fermentation of beer, and are found in the active cultures that make yogurt healthy and sourdough bread tasty.

Clean Parts: The Environmentally Friendly Way

The SmartWasher uses a powerful cleaning agent to clean the toughest grease and grime quickly and easily. Head-to-head competition has proven that the SmartWasher can clean as well and as quickly as solvents...without the dangers of solvents or the expense and hassle of hauling! That's why 95,000 users worldwide, including the military services, major car companies and work shops just like yours are using the SmartWasher for all their parts cleaning.

Safe for use on all rubber components and seals

No Liabilities from employees' exposure to solvents

No Hassles

Because you won't have any dangerous solvents or grey water to dispose of, you won't have any EPA or OH&S paper work to deal with. You'll also be able to avoid never ending environmental and health claim liabilities since Ozzy turns grease and grime into just water and carbon dioxide.



DSW-123M



DSW-125
Standard Sink



DSW-128
Super Sink

Trolley is an optional extra
DSW-1060v



Learn more

Digital Multimeters



MM-CA1000

MM-78B - DURST MARKET LEADING DEDICATED AUTOMOTIVE MULTIMETER

Auto ranging volts AC/DC, frequency, resistance, over-range indication, overload protection +/-, inductive RPM pickup to 12,000 RPM, Duty cycle & Dwell angle, 40 segment analogue bar graph, Sweeping throttle position sensor, temperature measurement, diode test, audible continuity, data hold, 10 mW impedance. Standard inclusions: protective holster, K type thermocouple probe, inductive RPM pickup, deluxe pair of safety type test leads with removable test tips - short and long, and alligator test clips. All fully insulated. ADDITIONAL FEATURES 3 3/4 digit (0 - 4000 count) large LCD Display, Milliseconds Pulse Width, Zero (relative readings), max/ min key, auto shut off. Fused 20 amp internal shunt. Ideal for EFI applications. Complete with easy to read 70 page instruction/training book. Cat 111

MM-68B DURST DEDICATED AUTOMOTIVE MULTIMETER

Auto ranging volts AC/DC, frequency, resistance, over-range indication, overload protection +/-, inductive RPM pickup to 12,000 RPM, duty cycle & dwell angle, analogue bar graph, sweeping throttle position sensor, temperature measurement, diode test, audible continuity, data hold, 10 mW impedance. Standard inclusions: protective holster, K type thermocouple probe, inductive RPM pickup, deluxe pair of safety type test leads with removable test tips - short and long, and alligator test clips. All fully insulated. Complete with 60 page instruction/training book. Cat 111



MM-68B



MM-78B

MM-48B DURST TOUGH ECONOMICAL MULTIMETER

Auto-ranging volts AC/DC, resistance with overload protection on all ranges. 34 segment analogue bar graph, 10 mW impedance, diode test. Audible continuity, auto shut off, AC/DC current 10 amp fused, low battery indicator. Input warning beeper and manual. As used by the Royal Automobile Association of South Australia. Cat 111



MM-48B

Current Clamp Meters & Adapters



BT-9000

New Battery Tester

FEATURES BUILT IN PRINTER

Advanced conductance test technology.
Fast and accurate test results.
Thermal Printer. Suitable for
12 Volt starting batteries and
12 V & 24 V Charging systems.
Automatic Temperature Compensation

- Ripple Voltage test function
- Acid resistant ABS plastic cover



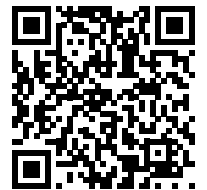
BT-9001

MM-2608 DIGITAL MULTIMETER

Tests Current range up to 2000 amps AC/DC,
400mv -1000 volts and resistance. Features include,
Data hold, overload protection, automatic polarity switchin,
and robust amp pickup clamp. Includes frequency, diode tes,
capacitance, min/max, continuity, 10 mW impedance,
42 segment bar graph. Auto Power Off Protective case, leads
and instructions. Other models available on request.



MM-2608



Learn more

Hand Tools

MM-SM4022 SOUND LEVEL METER (TYPE 1)

Large LCD display, Main functions are designed to meet IEC651 Type 1, condenser microphone, 3 ranges from 30 - 130dB, frequency from 31.5 to 8,000 Hz, powered by 2 x 9V batteries, hold function, fast and slow dynamic characteristics, can be Internally or Externally calibrated and requires MM-SC941 Sound Level Calibrator for external calibration as required by some Government Departments. Complete with padded carry case.



SOLDERING IRON 12 VOLT DC



MM-SM4012 SOUND LEVEL METER (TYPE 2)

Large LCD display, Main functions are designed to meet IEC651 Type 2, condenser microphone, 3 ranges from 30 - 130dB, frequency from 31.5 to 8,000 Hz, powered by 9V battery, Output impedance 600 Ohms with RS 232 computer interface terminal and 3.5mm diameter. Phone socket. Externally calibrated and requires MM-SC941 Sound Level Calibrator. Complete with padded carry case. MM-SM4012K, Kit version of MM-SM4012 and includes RS232 Interface computer cable and software for PC operation.



MM-SC941

SI-1270 70 Watt.

Specially designed for auto, marine and mobile applications. Very quick heating, 425°C operating temperature. Ideal for soldering lugs in starter wiring and brushes etc. Large, tapered copper soldering tip. Shaft diameter 6mm, head diameter 12mm. Long double insulated leads fitted with heavy duty clips for operation from a 12V battery.



victron energy

B L U E P O W E R

Durst are official Victron Energy Distributors
With specialized products in 5 major categories consisting of Automotive, industrial, Marine, Solar, and Telecom products include sinewave inverters, sinewave inverters/chargers, battery chargers, DC/DC converters, transfer switches, battery monitors and more



GX Touch 50

The five inch a touch screen display gives an instant overview of your system and allows to adjust settings in the blink of an eye.



SmartSolar MPPT

SmartSolar charger uses the latest and fastest technology to convert energy from a solar array into battery banks.



MultiPlus-II GX inverter/charger with GX inside

An Inverter/Charger with device networking built-in, the MultiPlus-II GX communicates with a solar charger, batteries, and other devices to control a grid-connected, off-grid, or remote power installation.

Durst Electric Coy.

Since 1918



In 1910 John Durst, a Swiss Electrical Engineer and inventor who served his apprenticeship with the well respected electrical company Brown Boveri, migrated to Australia. He established his own business designing and manufacturing in 1918 in Sydney.

Durst has a long history of providing equipment designed for performance, durability and economy, as evidenced by the current product range, covering Auto Electrical Test Benches, Ignition System Analysers, Battery Load Testers, Electronic Regulator Testers, Battery Chargers and Jump Starters for all industries, Load Banks as well as high performance Multimeters, Oscilloscopes and other Computer Safe Testers that are such an important addition to today's workshops.



John Durst



Durst Industries (Aust.) Pty Ltd is well known in the industry for producing high quality, high-tech diagnostic, electrical testing and charging equipment. Durst supply Australia-wide and exports to over 20 countries.

To maintain the high standards set, Durst continually invest in the latest technology. Durst has an extensive R&D program, to ensure that they continue to deliver great products well into the future.



NEXT GENERATION JUMP STARTERS



The all-new Hypastart series of professional capacitor based jump starters are Australian made. What makes Hypastart so different is the ability to jump start a vehicle even when the Hypastart has no charge, by the ability to charge itself from a dead flat battery. After successfully jump starting the vehicle, the Hypastart will recharge itself within minutes, allowing you to jump start fleets all day long without missing a beat.

Jump start a Freightliner 12v truck, a Caterpillar 777 100-ton haul truck, a Bell 202 Helicopter, or any army tank... Durst is trusted to keep industries and essential services moving with high performance Aussie made products.

Built with durable, powder coated aluminium frame providing a versatile lightweight unit, compliant with WHS regulations. Designed, developed and manufactured by Durst Industries in Australia.

 **ALWAYS READY**

 **AUSTRALIAN MADE**

 **WHS COMPLIANT**

 **LIGHTWEIGHT
& PORTABLE**

NO BATTERY REQUIRED

CAPACITOR DISCHARGE STARTER



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NSW 2154 Australia

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 intl +61 2 9660 1755

