

BATTERIES

CHARGERS
HOLDERS
CONNECTORS
AND
ACCESSORIES



Camelion



MW
MEAN WELL














MANTECH
A MOBICON COMPANY



A mass



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SEALED LEAD ACID BATTERIES (SLA)

RT – GENERAL FOR BACKUP PURPOSES



- 1.3AH TO 28AH
- AGM / VRLA DESIGN
- 6 ~ 8 YEAR FLOATING DESIGN LIFE

DC - DEEP CYCLE FOR ENERGY STORAGE



- 26AH TO 3,000AH
- AGM DESIGN
- 15 ~ 20 YEAR FLOATING DESIGN LIFE

DG - DEEP CYCLE GEL FOR ENERGY STORAGE



- 26AH TO 3,000AH
- GEL VRLA DESIGN
- 15 ~ 20 YEAR FLOATING DESIGN LIFE

EV - FOR ELECTRIC VEHICLE SERIES



- 10AH TO 400AH
- VRLA DESIGN
- 15 ~ 20 YEAR FLOATING DESIGN LIFE

FT - GENERAL FOR BACKUP PURPOSES



- 55AH TO 185AH
- FRONT TERMINALS VRLA DESIGN
- 12 YEAR FLOATING DESIGN LIFE

DC-XX-C - LEAD CARBON ENERGY STORAGE



- 75AH TO 3,000AH
- LEAD CARBON DESIGN
- 15 ~ 20 YEAR FLOATING DESIGN LIFE

RA - GENERAL FOR BACKUP PURPOSES




- 33AH TO 260AH
- AGM / VRLA DESIGN
- 12 YEAR FLOAT DESIGN LIFE

RL - GENERAL FOR BACKUP PURPOSES



- 200AH TO 3,000AH
- AGM / VRLA DESIGN
- 12 YEAR FLOAT DESIGN LIFE

OPZ (V/S)



- 60AH TO 3,000AH
- GEL VRLA DESIGN
- 20 YEAR FLOAT DESIGN LIFE

TERMINOLOGY

- SLA - Sealed Lead Acid battery
- AGM - Absorbed Glass Mat
- VRLA - Valve Regulated Lead Acid Battery

INTERESTING AND USEFUL FACTS ON SEALED LEAD ACID BATTERIES

1. NEW BATTERIES, WHEN SOLD, ARE NOT FULLY CHARGED. THEY SHOULD BE TOPPED UP WHEN IN USE OR INSTALLED.
2. A FULLY / 100% **CHARGED**, SEALED LEAD ACID BATTERY, WILL MEASURE AROUND 13.5V (13 to 14V)
3. A SEALED LEAD ACID BATTERY SHOULD **NEVER** BE DISCHARGED BELOW 10.5V, AS THIS SHORTENS THE BATTERY LIFE. IF A SEALED LEAD ACID BATTERY MEASURE BELOW 10.5V, IT IS PARTIALLY OR TOTALLY DAMAGED.
4. A 12AH SEALED LEAD ACID BATTERY **DOES NOT** DELIVER 12A FOR ONE HOUR. AT 12A, IT WILL BE FULLY DISCHARGED IN ABOUT 40 MINUTES !
5. FAST CHARGERS, SHOULD NOT BE USED TO CHARGE SEALED LEAD ACID BATTERIES, UNLESS ABSOLUTELY NECESSARY.

MANUFACTURERS RECOMMEND BETWEEN 12 AND 24 HOURS CHARGING TIME, DEPENDING ON CHARGE STATUS, CHARGING CURRENT AND CHARGE PROGRAM.


6. A BATTERY SHOULD NEVER BE LOADED CONTINUOUSLY, UNLESS A LOW BATTERY CUT-OUT CIRCUIT OR SWITCH IS USED TO DISCONNECT THE BATTERY WHEN ITS DISCHARGED STATUS IS REACHED (10.5V)
7. YOU CAN NOT TELL A BATTERY STATUS ACCURATELY, FROM MEASURING THE VOLTAGE ALONE. A PROPER BATTERY METER / CHARGE METER SHOULD BE USED. THESE METERS MEASURE ACTUAL AH (AMP HOUR) CAPACITY LEFT IN THE BATTERY.
8. SLA BATTERIES LEFT IN STORAGE, SHOULD BE RE-CHARGED / TOPPED UP EVERY THREE TO SIX MONTHS DEPENDING ON VARIOUS FACTORS.

WARNING - NOT ALL BATTERIES ARE RECHARGEABLE !

CONSULT THE MANUFACTURERS DATASHEET FOR DETAILS


LITHIUM PRIMARY BATTERIES

LITHIUM PRIMARY BATTERIES




- PRIMARY CELLS 3.6V
- NOT RECHARGEABLE !!!
- AVAILABLE IN VARIOUS SIZES & RATINGS : 1/2AA, AA, ETC..

LITHIUM PRIMARY BATTERIES




- PRIMARY CELLS 3.6V
- NOT RECHARGEABLE !!!
- AVAILABLE IN VARIOUS SIZES & RATINGS : 1/2AA, AA, ETC..
- PRE-FITTED WITH PCB LEADS / PINS OR WIRES

LITHIUM PRIMARY BUTTON BATTERIES



- PRIMARY BUTTON OR COIN CELLS 3.6V
- NOT RECHARGEABLE !!!
- AVAILABLE IN VARIOUS SIZES & RATINGS

LITHIUM PRIMARY BUTTON BATTERIES



- PRIMARY BUTTON OR COIN CELLS 3.6V
- NOT RECHARGEABLE !!!
- AVAILABLE IN VARIOUS SIZES & RATINGS AND TERMINATED WITH PCB PINS OR WIRES

CUSTOM PACKED BATTERIES ON DEMAND





BATTERY CLIPS & HOLDERS




- COIN / BUTTON BATTERY HOLDER
- AVAILABLE IN VARIOUS SIZES
- AVAILABLE IN SMD ALSO

RITAR




RITAR IS A LEADING MANUFACTURER OF SEALED LEAD ACID BATTERIES, REPRESENTED BY MANTECH

LITHIUM BATTERY PACKS





- RECHARGEABLE
- 12V, 24V, 48V...
- 20AH, 40AH, 60AH, 100AH...
- PORTABLE OR RACK MOUNT

TYPICAL PCB MOUNT BATTERIES




TYPICAL BUTTON CELL HOLDERS

RECHARGEABLE LITHIUM-ION BATTERIES

RECHARGEABLE Li-ION CELL



- 18650
- 3.7V 2.2AH AND HIGHER AVAILABLE
- 18 x 65mm

PRE-TAGGED RECHARGEABLE Li-ION CELL




- 18650
- WITH SOLDER TAGS
- 3.7V 2.2AH AND HIGHER ALSO AVAILABLE
- 18 x 65mm

RECHARGEABLE Li-ION CELL



- 18650
- BUILT IN PROTECTION
- 3.7V 2.2AH AND HIGHER AVAILABLE
- 18 x 69mm (HIGH TOP)

CUSTOM Li-ION BATTERY PACKS



- RECHARGEABLE PACKS
- 3V6 1.1AH AND HIGHER RATINGS
- WITH PROTECTION BOARD AND WIRE LEADS
- OTHER PACKS ALSO AVAILABLE

SPOT WELDER



- IDEAL FOR SPOT-WELDING TAGS ON BATTERIES

POWER BANKS / JUMP STARTERS



LIST OF AVAILABLE LITHIUM RECHARGEABLE CELLS


10440	18500	22650
14500	18650	25500
16340	18700	26650
17500	20700	AA
17670	21700	C-CELL
18350	22500	D-CELL
18490		RCR123

BATTERY CHARGERS



SEE CHARGERS SECTION

SHRINK SLEEVING



- IDEAL FOR BATTERY PACKS
- FROM 1mm TO 200mm


NICKEL TABBING STRIPS



- NICKEL STRIPS
- FOR BATTERY AND SOLAR PANEL TAGS / TABS AND CONNECTIONS


RECHARGEABLE LITHIUM BATTERY PACKS

SMART BATTERY LiFePO4 12.8V 5Ah




- LiFePO4 battery made from 32650 cells.
- MBS system fitted
- 151 x 65 x (95 + 10)mm

SMART BATTERY LiFePO4 12.8V 10Ah




- LiFePO4 battery made from 32650 cells.
- MBS system fitted
- 151 x 99 x (99 + 10)mm

SMART BATTERY LiFePO4 12.8V 20Ah




- LiFePO4 battery made from 32650 cells.
- MBS system fitted
- 182 x 77 x 166mm

SMART BATTERY LiFePO4 12.8V 40Ah



- LiFePO4 battery made from 32650 cells.
- MBS system fitted
- 198 x 166 x (170 + 15)mm

SMART BATTERY LiFePO4 12.8V 100Ah



- LiFePO4 battery made from 32650 cells.
- MBS system fitted
- 330 x 173 x 216mm



RITAR IS REPRESENTED
AND STOCKED
IN SOUTH AFRICA BY US.

SMART PROTECTION PARAMETERS

OVER CHARGE	15.6VDC
MAX CHARGE VOLTAGE	14.6VDC
MIN DISCHARGE VOLTAGE	8.0VDC
For additional details please consult datasheet	


RE-CHARGING METHOD

TWO STAGE	USE CC AND CV
ONE STAGE - FAST	6HRS OR LESS TO 95%
ONE STAGE - SLOW	18HRS OR LESS TO 100%
For additional details please consult datasheet	

OPERATING CONDITIONS

MAX CHARGE VOLTAGE	14.5 – 14.6VDC
MAX CHARGE CURRENT	40A
MAX DISCHARGE CURRENT	40A (80A PEAK FOR 10s)
For additional details please consult datasheet	

PRECAUTIONS



- KEEP BATTERY COOL & DRY
- NEVER SHORT BATTERY
- NEVER REVERSE POLARITY
- NEVER DROP BATTERY
- USE CORRECT CHARGERS
- RESTORE TO 50% CHARGE AFTER STORAGE > 6 MONTHS

FOR SMART AND SAFE CHARGING OF ALL TYPES

Ni-CAD AND Ni-MH BATTERIES

Ni-MH RECHARGEABLE CELLS / BATTERIES



- AVAILABLE IN 1/2AA, AAA, AA, C & OTHERS
- FROM mA^H to FEW AH IN CAPACITY

PRE-TAGGED Ni-MH RECHARGEABLE CELLS / BATTERIES



- PRE-FITTED WITH SOLDER TAGS OR WIRES
- AVAILABLE IN 1/2AA, AAA, AA, C & OTHERS
- FROM mA^H to FEW AH IN CAPACITY

Ni-MH RECHARGEABLE BATTERY PACKS



- PRE-FITTED WITH SOLDER PINS, TAGS OR WIRES
- AVAILABLE IN 1/2AA, AAA, AA, C & OTHERS
- FROM mA^H to a FEW AH IN CAPACITY

Ni-MH RECHARGEABLE BATTERY PACKS



- PRE-FITTED WITH SOLDER PINS, TAGS OR WIRES
- AVAILABLE IN 1/2AA, AAA, AA, C & OTHERS
- FROM mA^H to a FEW AH IN CAPACITY

"9V" / PM STYLE BATTERY



- Ni-MH RECHARGEABLE BATTERY PACKS "9V" STYLE

FANSO



FANSO MANUFACTURES
QUALITY LITHIUM
PRIMARY BATTERIES

Ni-MH BATTERY PACKS




- AVAILABLE IN 1/2AA, AAA, AA, C & OTHERS
- FROM mA^H to FEW AH IN CAPACITY
- PRE-FITTED WITH SOLDER PINS, TAGS OR WIRES

CHARGERS




SEE CHARGERS SECTION

SUPER CAPACITORS



SUPER CAPS AND SUPER CAP MODULES CAN REPLACE BATTERIES IN SOME APPLICATIONS

WARNING



DO NOT CHARGE PRIMARY BATTERIES OR NON-RECHARGEABLE BATTERIES. **THEY MAY EXPLODE.**

OVERCHARGING BATTERIES, MAY ALSO CAUSE FIRES OR EXPLOSIONS.


PRIMARY CELL CROSS REFERENCE

<u>AA</u>	R6, MN1500, MX1500, PC1500, AM3, UM3, UM-3, HP7, 15AC, 15A, E91, EN91, 815, 7524, HR6, HR06, LR06, LR6, X91, PC1501, Mignon, Penlight, Double A, 2AA	50 mm, D 14.2 mm	1.5 V
<u>AAA</u>	LR03, LR3, LR03X, R03, R3, MN2400, MX2400, PC2400, AM4, UM4, UM-4, HP16, 24AC, 24A, 24G, EN92, E92, 824, ALAAA, AL-AAA, 7526, 4003, K3A	44.5 mm, D 10.5 mm	1.5 V
<u>AAAA</u> <u>(4A)</u>	LR61, 25A, MN2500, MX2500, E96, EN96, GP25A, LR8D425, 4061, K4A	42 mm, D 8 mm	1.5 V
<u>C</u>	LR14, R14, UM2, UM-2, MN1400, MX1400, PC1400, 14AC, 14A, E93, EN93, 814, ALC, AL-C, 7522, AM2, HP11	46 mm, D 26 mm	1.5 V
<u>D</u>	LR20, R20, R20MA, R20P, MN1300, MX1300, PC1300, UM1, UM-1, SUM-1, AM1, 13AC, 13A, E95, EN95, 813, AL-D, 1250, 7520, HP2, HR20	58 mm, D 33 mm	1.5 V
<u>9V</u>	PP3, 1604AC, 522, EN22, A1604, AL9V, AL-9V, 9-Volt, Radio Battery, 6AM6, 6UM6, 006P, 6LR61, PC1604, PL1604, L522, 1604LC, U9VL-FP, K9V, S006, S-006, 6F22	H 48.5 mm, L 26.5 mm, W 17.5mm	9 V
<u>123</u>	CR17354, 5018LC, LR123, VL123, CR123A, EL123AP, EL123AP-2, RL123, RL123A-1, RL123A-2, DL123A-1, DL123A-2, SF123A, SF12-BB, K123A, RCR-123A, 23-155, CR-123APA	34.5 mm, D 17 mm	3 V
<u>CR2</u>	DLCR2, DLCR2B, RLCR2, KCR2, EL1CR2, RLCR2-L, CR-2, 5046LC	L 27.5 mm, D 16 mm	3 V
<u>N</u>	LR1, LR01, 910A, MN9100, 4001, E90, KN, 810, 23-023, AM5, UM5, UM-5, SUM5	L 30.2 mm, D 12 mm	1.5 V
<u>J</u>	4LR61, 7K67, 4018, 539, KJ, 4AM6, 4UM6, 4UM-6, 1412A, 1412AP, 867	H 48.5 mm, L 35.6 mm, W 9.18 mm	6 V

PLEASE CONSULT OUR SALES TEAM OR WEBSITE FOR MORE INFORMATION


GENERAL PURPOSE PRIMARY BATTERIES

AAAA - GENERAL PURPOSE




- ALKALINE AND OTHER CHEMISTRIES
- SOLD INDIVIDUALLY OR IN BULK / PACKS

AAA – GENERAL PURPOSE





- ALKALINE AND OTHER CHEMISTRIES
- SOLD INDIVIDUALLY OR IN BULK / PACKS

AA / PENLIGHT – GENERAL PURPOSE




- ALKALINE AND OTHER CHEMISTRIES
- SOLD INDIVIDUALLY OR IN BULK / PACKS

TYPICAL PACKAGING





C / TORCH – GENERAL PURPOSE



- ALKALINE AND OTHER CHEMISTRIES
- SOLD INDIVIDUALLY OR IN BULK / PACKS

D / TORCH – GENERAL PURPOSE




- ALKALINE AND OTHER CHEMISTRIES
- SOLD INDIVIDUALLY OR IN BULK / PACKS

9V / PP3



- ZINC MANGANESE DIOXIDE AND OTHERS
- SOLD INDIVIDUALLY OR IN BULK / PACKS

12V A23 / A27



- 12V
- USED ON REMOTE CONTROL DEVICES

COIN / BUTTON TYPES



WE KEEP A VAST RANGE
SEE THE COIN BATTERY SECTION


CAMELION



More Energy Solutions


CONSUMER
GENERAL PURPOSE
BATTERIES THAT LAST
**REPRESENTED AND STOCKED
BY US**


COIN / BUTTON PRIMARY CELLS


LITHIUM 3V CELLS		
	REFERENCE	DIMENSIONS
	CR1216	12.5 x 1.6
	CR1220	12.5 x 2.0
	CR1225	12.5 x 22.5
	CR1616	16.0 x 1.6

BUTTON CELLS, OR SOMETIMES CALLED COIN CELLS ARE AVAILABLE IN **LITHIUM, ALKALINE, SILVER OXIDE** AND **ZINC AIR** CHEMISTRIES, DEPENDING ON VOLTAGE, SIZE AND APPLICATION.

IDEAL FOR WATCHES, CALCULATORS, TOYS, FLASHLIGHTS AND OTHER ELECTRONIC GADGETS

LITHIUM 3V CELLS		
	REFERENCE	DIMENSIONS
	CR1620	16.0 x 2.0
	CR1632	16.0 x 3.2
	CR2016	20.0 x 1.6
	CR2025	20.0 x 2.5

LITHIUM 3V CELLS		
	REFERENCE	DIMENSIONS
	CR2032	20.0 x 3.2
	CR2320	23.0 x 2.0
	CR2325	23.0 x 2.5
	CR2330	23.0 x 3.0


LITHIUM 3V CELLS		
	REFERENCE	DIMENSIONS
	CR2430	24.5 x 3.0
	CR2450	24.5 x 5.0
	CR2477	24.5 x 7.7
	CR927	9.5 x 2.7


ALKALINE 1.5V CELLS


FEATURES

- Zinc manganese dioxide
- 0% mercury - 0% cadmium
- Stainless steel shell
- 5-year shelf life


ALKALINE 1.5V CELLS		
	REFERENCE	DIMENSIONS
	AG0 / LR63	5.8 x 2.25
	AG1 / LR60	6.6 x 2.15
	AG2 / LR59	7.85 x 2.6
	AG3 / LR41	7.9 x 3.6

ALKALINE 1.5V CELLS		
	REFERENCE	DIMENSIONS
	AG4 / LR66	6.8 x 2.6
	AG5 / LR48	7.9 x 5.4
	AG6 / LR69	9.5 x 2.15
	AG7 / LR57	9.5 x 2.6


ALKALINE 1.5V CELLS		
	REFERENCE	DIMENSIONS
	AG8 / LR55	11.6 x 2.15
	AG9 / LR45	9.5 x 3.6
	AG10 / LR54	11.6 x 3.1
	AG11 / LR58	7.9 x 2.15


ALKALINE 1.5V CELLS		
	REFERENCE	DIMENSIONS
	AG12 / LR43	11.6 x 4.2
	AG13 / LR44	11.6 x 5.4
	625A / LR9	15.6 x 6.2
	Ideal for watches & Calculators...	


COIN / BUTTON PRIMARY CELLS

SILVER OXIDE 1.55V CELLS		
	REFERENCE	DIMENSIONS
	SR41W	7.9 x 3.6
	SR43	11.6 x 4.25
	SR44	11.6 x 5.5
	SR54	11.5 x 3.0

SILVER OXIDE 1.55V CELLS	
FEATURES	
<ul style="list-style-type: none"> Silver Oxide Nominal Voltage: 1,55V Stainless Steel shell 5 year shelf life 	

SILVER OXIDE 1.55V CELLS		
	REFERENCE	DIMENSIONS
	SR57W	9.5 x 2.75
	SR58W	7.9 x 2.15
	SR59W	7.9 x 2.65
	SR60W	6.75 x 2.15


SILVER OXIDE 1.55V CELLS		
	REFERENCE	DIMENSIONS
	SR63W	5.8 x 2.15
	SR66W	6.75 x 2.6
	SR69W	11.6 x 2.1

ZINC-AIR 1.4V CELLS		
	REFERENCE	DIMENSIONS
	A675 / PR44	11.6 x 5.4
	A13 / PR48	7.9 x 5.4
	A312 / PR41	7.9 x 3.6
A10 / PR70	5.85 x 3.6	

ZINC-AIR 1.4V CELLS	
FEATURES	
<ul style="list-style-type: none"> Zinc-Air (No mercury) Nominal Voltage: 1,4V Stainless Steel shell Ideal for hearing aids 	



BATTERY STORAGE
<ul style="list-style-type: none"> BATTERIES SHOULD BE STORED IN A COOL DRY PLACE BATTERIES HAVE A LIMITED SHELF LIFE CERTAIN BATTERIES SHOULD BE TOPPED UP, IF STORED FOR EXTENDED PERIODS OF TIME

DANGER	
	<p>DO NOT SHORT CIRCUIT ANY BATTERY.</p> <p>WHILE THE VOLTAGES ARE GENERALLY LOW, CURRENTS CAN BE EXTREMELY HIGH.</p> <p>RISK OF FIRE AN BODY BURNS.</p>

BATTERY TESTERS AND BATTERY CHARGERS

PRIMARY BATTERY TESTER – BT-0503



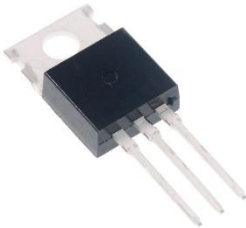
- TESTS :
- AA
- AAA
- AAAA
- C
- D
- 9V

12V LEAD ACID BATTERY TESTER – AE300



- 12V LEAD ACID BATTERY TESTER

CHARGER INTEGRATED CIRCUITS



- LEAD ACID BATTERY CHARGER IC
- PB137ACV / LM337 AND OTHERS.

DEVELOPMENT BOARD FOR LITHIUM CHARGER



- 1A LITHIUM BATTERY CHARGER
- USB CONNECTION

DC CLAMP METERS – UT200 SERIES



- MEASURE UP TO 600A DC (OR AC)

MULTIMETERS



- WE KEEP A VAST RANGE OF MULTIMETERS
- FROM ENTRY LEVEL TO PROFESSIONAL AND LABORATORY TYPES

LEAD ACID BATTERY CHARGERS – ESC / ESP SERIES



- LEAD ACID BATTERY CHARGER
- SUITABLE FOR : LEAD ACID AND LITHIUM
- OPTIONAL 12V 8A, 24V 4A OR 48V 2A

DESKTOP CHARGERS – PA AND PB SERIES



- LEAD ACID CHARGERS
- OPTIONAL 12V, 24V OR 48V
- AVAILABLE FROM A FEW AMPs TO 50A AND MORE

UNIVERSAL CHARGERS – ENC SERIES



- UNIVERSAL CHARGER
- FULLY PROGRAMABLE
- SUITABLE FOR : LEAD ACID AND LITHIUM
- OPTIONAL 12V 8A, 24V 4A OR 48V 2A

ENCLOSED BATTERY CHARGERS – PB AND OTHERS



- LEAD ACID CHARGERS
- OPTIONAL 12V, 24V OR 48V
- AVAILABLE FROM FEW AMPs TO 50A AND MORE

BATTERY TESTERS AND CHARGERS

LITHIUM BATTERY CHARGER - ZJ3009



- FOR 2 x 18650

DESKTOP MULTI CHEMISTRY CHARGER - GC SERIES



- SUITABLE FOR LEAD ACID AND LITHIUM ION.
- AVAILABLE FROM 4.2V TO 28.6V (1 TO 4A)

MULTI CELL BATTERY CHARGER - 821B



- SUITABLE FOR NiMH
4 x AA/AAA/C/D /9V

MULTI CELL BATTERY CHARGER - BC0907



- SUITABLE FOR NiCd / NiMH
4 x AA/AAA

OPEN FRAME / PCB CHARGERS – PA / PB PS SERIES



- LEAD ACID CHARGERS
- OPTIONAL 12V, 24V OR 48V
- AVAILABLE FROM A FEW AMPS
- TO 50A AND MORE

USB CHARGER / POWER SUPPLY - AD582



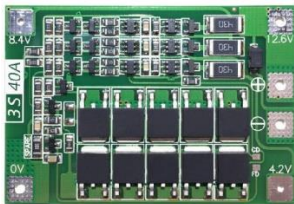
- 2 x 5VDC
- 2 x 2.4 Amps

HEAVY DUTY CHARGER – HEP SERIES



- FOR LEAD ACID AND Li-ion
- MULTISTAGE CHARGING
- 12V, 24V, 48V

BATTERY MANAGEMENT SYSTEMS (BMS)



- Li-ion BATTERY APCK MANAGEMENT BOARDS

CUSTOM PACKS



WE MANUFACTURE AND SUPPLY CUSTOM BATTERY PACKS

RECYCLE YOUR OLD BATTERIES



BATTERY TESTERS AND CHARGERS

BATTERY PROTECTOR / DISCONNECTOR - SBP



- PROTECTS THE BATTERY FROM OVER DISCHARGE
- AVAILABLE FOR 12V AND 24V SYSTEMS.
- RATED 30A AND 60A

DC-DC CONVERTORS - MOTORMATE



- CONVERT :
12V TO 12V / 13.8V
12V TO 24V / 27V
24V TO 12V
- RATED 5 TO 30A

BATTERY PROTECTOR / DISCONNECTOR - SSB



- PROTECTS THE BATTERY FROM OVER DISCHARGE
- AVAILABLE FOR 12V AND 24V SYSTEMS.
- RATED UP TO 100A

BATTERY DISCONNECT – DR-UPS40



- 24V BATTERY PROTECTOR
- UPS OPERATION MODE
- 24V 40A SYSTEM

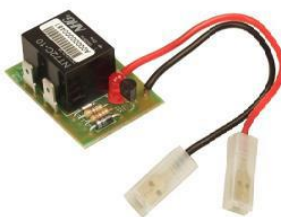
LITHIUM BATTERY CONTROLLER / BMS



BATTERY PACKS MANAGEMENT SYSTEM
AVAILABLE IN MULTIPLE CONFIGURATIONS



BATTERY PROTECTOR / DISCONNECTOR - KE



- PROTECTS THE BATTERY FROM OVER DISCHARGE
- IDEAL FOR 12V ALARM SYSTEMS.
- RATED 10A

BATTERY PROTECTOR / DISCONNECTOR - KE



- PROTECTS THE BATTERY FROM OVER DISCHARGE
- IDEAL FOR 12V ALARM SYSTEMS.
- RATED 10A

BATTERY TERMINAL PROTECTOR



- PROTECT BATTERY TERMINALS, POSTS, BRACKETS AND CASING FROM CORROSION
- AEROSOL SPRAY
- FLAMMABLE !!!

THERMISTORS AND FUSES FOR BATTERY PROTECTION



- PPTC RESETTABLE FUSES
- UP TO 26A

BATTERY HOLDERS

BATTERY CLIP FOR 9V BATTERY



- 150mm WIRE LEADS
- SOFT ENVELOPE

OCB MOUNT COIN BATTERY CLIP



- AVAILABLE FOR 20, 24 AND OTHER DIAMETERS

SINGLE BATTERY HOLDER



- AVAILABLE FOR MOST BATTERY SIZES
- ALSO AVAILABLE WITH PINS OR WIRED ENDED

SINGLE BATTERY HOLDER



- AVAILABLE FOR MOST BATTERY SIZES
- ALSO AVAILABLE WITH PINS OR WIRED ENDED

DUAL BATTERY HOLDER



- AVAILABLE FOR MOST BATTERY SIZES
- ALSO AVAILABLE WITH SOLDER TAGS, PINS OR WIRED ENDED

DUAL BATTERY HOLDER



- AVAILABLE FOR MOST BATTERY SIZES
- ALSO AVAILABLE WITH SOLDER TAGS, PINS OR WIRED ENDED

TRIPLE BATTERY HOLDER



- AVAILABLE FOR MOST BATTERY SIZES
- ALSO AVAILABLE WITH SOLDER TAGS, PINS OR WIRED ENDED

BATTERY HOLDER WITH SWITCH



- AVAILABLE FOR MOST BATTERY SIZES
- ALSO AVAILABLE WITH SOLDER TAGS, PINS OR WIRED ENDED

QUAD BATTERY HOLDER



- AVAILABLE FOR MOST BATTERY SIZES
- ALSO AVAILABLE WITH SOLDER TAGS, PINS OR WIRED ENDED

ENCLOSED BATTERY HOLDER



- AVAILABLE FOR MOST BATTERY SIZES
- ALSO AVAILABLE WITH SOLDER TAGS, PINS OR WIRED ENDED

BATTERY HOLDERS

CLIP FOR SMD COIN BATTERY



- FOR 1216, 1220, 1225 COIN CELLS

BATTERY HOLDER FOR 18650



- AVAILABLE IN OTHER CONFIGURATIONS

CLIP FOR SMD COIN BATTERY



- FOR 20mm COIN CELLS

9V BATTERY HOLDER / CLIP



- FOR 9V / PP3 BATTERY

CLIP FOR SMD COIN BATTERY



- FOR 24mm COIN CELLS

9V PANEL MOUNT HOLDER



- FOR 9V / PP3 BATTERY

TRIPLE BATTERY HOLDER



- FOR 3 x AAA

QUAD AA HOLDER WITH USB OUT



- 4 x AA
- USB OUTPUT
- WITH BELT CLIP

SPECIALS



IF YOU HAVE A REQUIREMENT NOT SHOWN HERE, PLEASE INQUIRE WITH OUR SALES PEOPLE, AS WE HAVE ACCESS TO A VAST RANGE OF MANUFACTURERS AND MODELS.

BRANCHES & DELIVERIES

WE DELIVER ANYWHERE, AT ECONOMIC PRICES, BY MEANS OF OUR OWN FLEET OR THE SERVICES OF COURIERS.

WE HAVE BRANCHES AND A NETWORK OF DISTRIBUTORS COUNTRY WIDE...

NO MINIM ORDER OR ORDER VALUE IS REQUIRED.


CONNECTORS & ACCESSORIES

BATTERY CONNECTORS



- GC SERIES
- GOLD PLATED
- 30A RATED
- AVAILABLE IN :
2mm, 3mm, 3.5mm AND 4mm


BATTERY / DC CONNECTORS



IDEAL FOR DRONES, RC
AND EQUIPMENT


FOR : BATTERIES, MOTORS,
CHARGERS, ETC

BATTERY CONNECTORS



- AM / DEANS SERIES
- 30A RATED
- SPRING LOADED CONTACTS
- GRIP DESIGN

BATTERY CONNECTORS



- XT60 SERIES
- 30A RATED

CROCODILE CLIPS



- K260 SERIES
- 30mm TO 60mm
- AVAILABLE IN
RED, BLACK, BLUE, YELLOW,
WHITE AND GREEN.

CROCODILE CLIPS



- K267B SERIES
- 60mm
- AVAILABLE IN
RED AND BLACK

CROCODILE CLIPS



- K265 SERIES
- 90mm / 30A
- AVAILABLE IN
RED AND BLACK

BATTERY CLAMPS



- K266 SERIES
- AVAILABLE IN
50mm / 15A
70mm / 30A
90mm / 50A
- AVAILABLE IN RED AND BLACK

TEST CLIPS



- K268A SERIES
- 40mm
- AVAILABLE IN
RED, BLACK, BLUE, YELLOW,
WHITE AND GREEN.

TEST CLIPS



- K268D SERIES
- 140mm
- AVAILABLE IN RED AND BLACK

CONNECTORS & ACCESSORIES



CONNECTING
AND
PACKAGING
SOLUTIONS

DC BATTERY CONNECTORS



- BMC SERIES
- AVAILABLE UP TO 350A

BATTERY CLAMPS / CLIPS



- AVAILABLE IN RED, BLACK AND OTHER COLOURS
- FROM 1A TO 400A
- FROM 30mm TO 150mm

ADAPTOR / CONVERTER LEADS



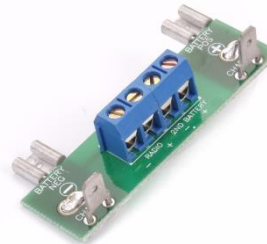
- STANDARD AND CUSTOM MADE

PRE-INSULATED TERMINALS



- AVAILABLE IN VARIOUS SIZES
- AVAILABLE IN VARIOUS COLOURS

BATTERY ADAPTOR BOARD



ADAPTS 7AH BATTERY TO 4.8mm TERMINALS AND SCREW TERMINALS FOR SECURITY RADIO, ALARM, CHARGER AND SECOND BATTERY

CONNECTOR BAR



- BATTERY BRIDGING LINKS

COPPER TUBE TERMINALS



- AVAILABLE FROM 1.5mm² TO 1,000mm²

TERMINAL SIZE CONVERTER



- CONVERTS QUICK CONNECTS FROM 4.75 TO 6.35mm AND VICE-VERSA


BATTERY CONNECTORS / CLIPS



- IDEAL FOR 9V / PP3 BATTERY

CONNECTORS & ACCESSORIES

DANGER



DO NOT SHORT CIRCUIT ANY BATTERY.

WHILE THE VOLTAGES ARE GENERALLY LOW, CURRENTS CAN BE EXTREMELY HIGH.


RISK OF FIRE AND BODY BURNS.

CLIP / HOLDER FOR 18650PACKS




- FOR 18650 PACKS
- AVAILABLE IN 2 AND 3 WAYS

DC CIRCUIT BREAKERS




- IDEAL FOR SMALL DC LOADS
- FROM 1A TO 30A

DC ISOLATORS AND CIRCUIT BREAKERS




- DESIGNED FOR DC LOADS
- ONE TO FOUR POLES
- FROM 1A TO 125A

DC FUSES



- CERAMIC 10 x 38mm
- FROM 1A TO 32A
- RATED UP TO 1,000V
- FOR AC AND DC

DC FUSE HOLDERS



- FOR 10 x 38mm FUSES / LINKS
- SINGLE TO THREE POLES

BATTERY / DC LOAD SWITCH




- RATED 300A 60VDC

BATTERY / DC LOAD SWITCH




- RATED 300A 60VDC

BACKUP & CHARGER POWER SUPPLIES – PSC SERIES



WITH UPS FUNCTION
IDEAL FOR SECURITY SYSTEMS
BY MEAN WELL

BACKUP & CHARGER POWER SUPPLIES – PSC SERIES



WITH UPS FUNCTION
IDEAL FOR SECURITY SYSTEMS
BY MEAN WELL


CONNECTORS & ACCESSORIES

BATTERY STORAGE CABINETS



- PAINTED MILD STEEL
- STORES 100AH BATTERIES, FROM : 1 BATTERY TO 32 BATTERIES
- OTHER CONFIGURATIONS ALSO AVAILABLE.

BATTERY TERMINAL COVERS



BATTERY SCREW
TERMINAL COVERS

BATTERY TERMINALS



- ALUMINIUM ALLOY
- 17/19mm

BATTERY TERMINALS



- BRASS
- 17/19mm

BATTERY TERMINALS




- ANTIMONY LEAD ALLOY
- 17/19mm

BATTERY TERMINALS ADAPTOR



- CONVERTOR / ADAPTOR
- 17/19mm TO 13mm

DC POWER DISTRIBUTION BLOCK




- RATED 12V / 24V
- 4AWG IN, TO 8AWG OUT

BATTERY TERMINALS ADAPTOR




- CONVERTOR / ADAPTOR
- M8 TO 17/19mm

BATTERY TERMINALS



- GALVANISED STEEL
- CONVERTOR / ADAPTOR

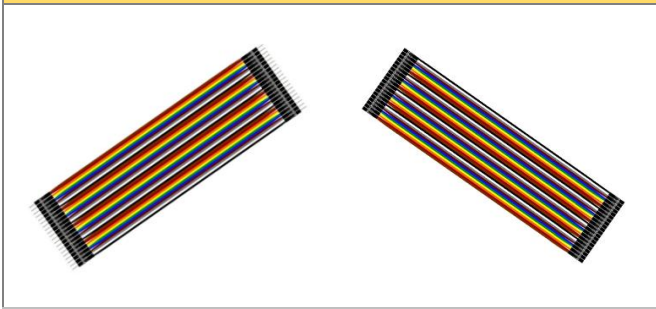
DC POWER DISTRIBUTION BLOCK



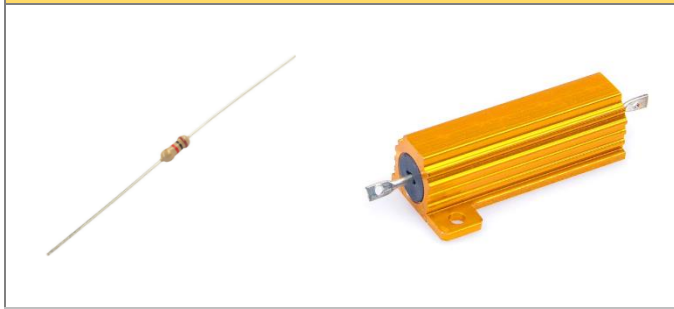
- ZINC ALLOY COPPER PLATED
- RATED 12V / 24V
- 4AWG IN TO 8AWG OUT
- 17/19mm

OTHER PRODUCTS WE ALSO SELL

JUMPER WIRES



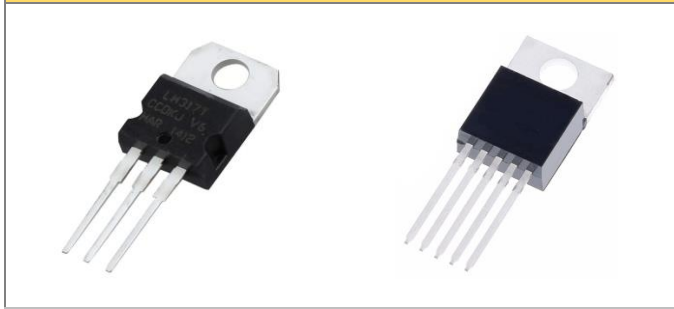
RESISTORS



DIODES



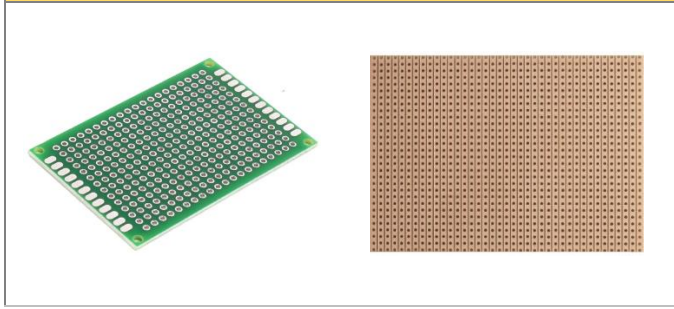
REGULATORS



SOLDER



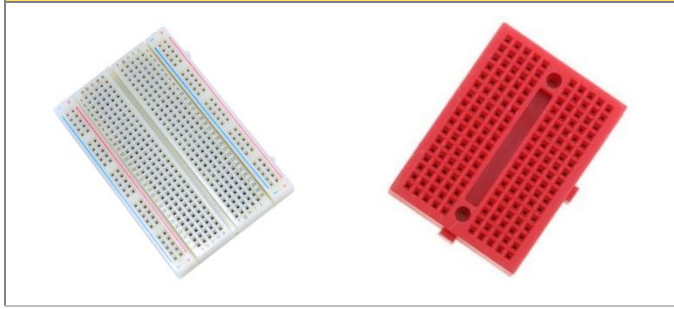
PROTOTYPING & STRIP BOARDS



LEDs



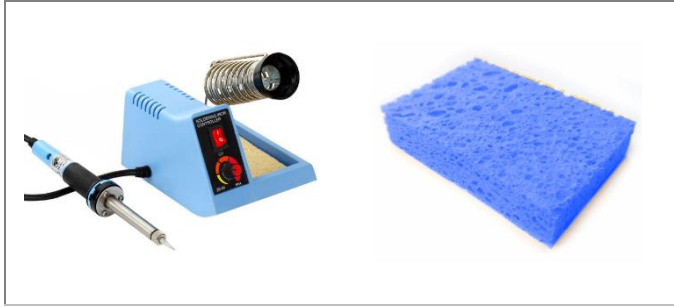
BREAD BOARDS



TERMINALS & CONNECTORS



TOOLS AND ACCESSORIES



OTHER PRODUCTS WE ALSO SELL

DC-DC CONVERTERS



PUSH BUTTONS



COOLING FANS



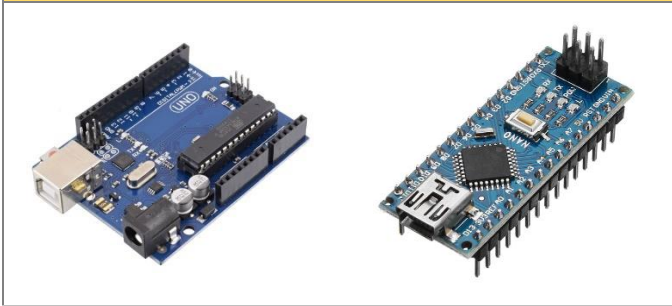
TEST CLIPS



SWITCHES



DEVELOPMENT BOARDS



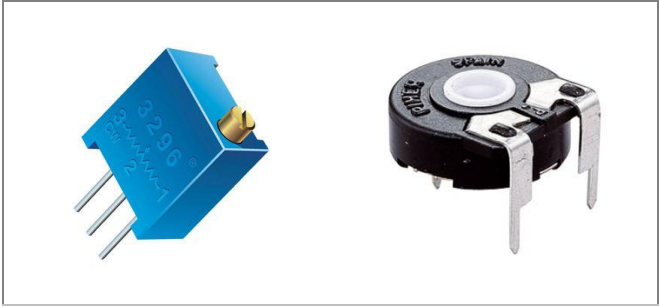
CAPACITORS



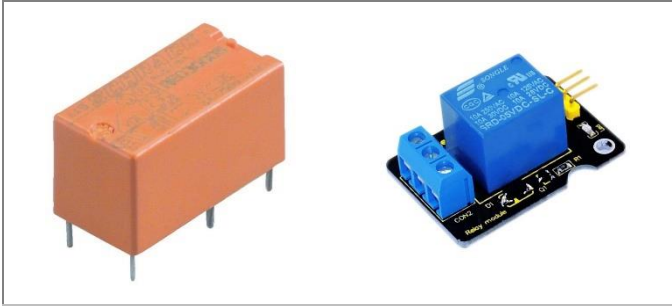
POTENTIOMETERS



TRIMMERS & PRESETS



RELAYS





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011 493 9307	021 535 3150	031 309 7686

OTHER LOCATIONS		
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SINGAPORE	BRAGA	LISBON
GUIMARAES	SHENZHEN	TAIPEI

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