

WHAT'S NEW SEPTEMBER 2018?

BMPRO - BATTERY MANAGEMENT- Page 33



2018 LIGHTING & ENERGY CATALOGUE



www.dualcom.co.nz

info@dualcom.co.nz | 09 889 0246



DUALCOM
TECHNOLOGY

LIGHTING SOLUTIONS

3	Adaptors (EXTRA LOW VOLTAGE)
4,5	Aluminium Profile / Extrusion
6	Automotive Head Lights / DRL
7	Awning Lights (RV / MARINE)
8	Cabinet Light Bars and Lift Kits
9, 10	Ceiling and Reading Lights (RV / MARINE)
11	Down Lighting - (DOMESTIC)
12	Dimmers & RGB Controllers
13	Domestic Lamps - Vintage Filament ELV (12/24vDC)
14	Domestic Lamps - ELV (12/24/36/80/110/130vDC)
15	Drivers / Transformers (CONSTANT VOLTAGE)
16	Flood and Spot Lights (MARINE / AUTO)
17,18	Flood Lighting (DOMESTIC / COMMERCIAL)
19	GAS Station Lighting (EX RATED)
19	High Bay (COMMERCIAL)
20	Linear Batten Light (COMMERCIAL)
21,22,23	LUMITEC Premium Marine Lighting
24,25	Replacement Lamps (RV / MARINE)
26,27	Solar Powered Lighting (COMMERCIAL)
28,29	Strip Lighting
30	Tube Lighting (COMMERCIAL)

ENERGY SOLUTIONS

32	Batteries (HYBRID AGM)
33,34,35,36	Battery Management / Chargers (BM PRO)
37	Cables & Connectors
37	DC Breakers
38	EV Chargers / Cables
39	Inverters (RV / OFF GRID)
40,41	PV Mounting and Racking Components
42	Solar Regulators - (PWM / MPPT)
44	Solar PV Panels
45	Satellite Dish / TV & Accessories


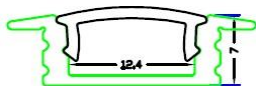

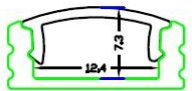

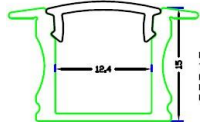

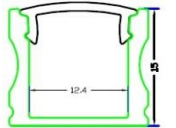

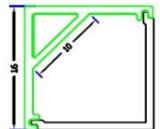

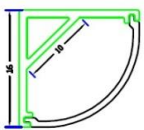

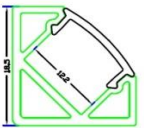

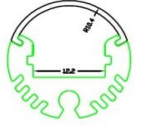



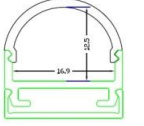
ADAPTORS / HOLDERS

P3

FOR EXTRA LOW VOLTAGE USE ONLY (10-30vDC)

Catalog Version : JAN2018

Image	SKU	Plugs Into Fitting type	Takes Bulb type
	ADAP-B22 TO G4	B22	G4
	ADAP-B22 TO E27	B22	E27
	ADAP-BA15D TO G4	BA15D	G4
	ADAP-BA15S TO G4	BA15S	G4
	ADAP-BAY15D TO G4	BAY15D	G4
	ADAP-E14 TO G4	E14	G4
	ADAP-E27 TO B22	E27	B22
	ADAP-E27 TO E14	E27	E14
	ADAP-E27 TO G4	E27	G4
	HOLDER-BA15S	Wire Tail	BA15 (SINGLE CONTACT)
	HOLDER-BA15D	Wire Tail	BA15 (DOUBLE CONTACT)
	HOLDER-BAY15D	Wire Tail	BA15 (DOUBLE CONTACT OFFSET)
	HOLDER-MR16	Wire Tail	G4 or MR16

Image		SKU	Dimensions (mm)
		ALP1-1M	1000L x 8W x 17.1 (23.2 w/ flange)H
		ALP2-1M	1000L x 8W x 17.1H
		ALP3-1M	1000L x 15.3W x 17.1 (23.3 w/ flange)H
		ALP4-1M	1000L x 15.3W x 17.1H
		ALP5-1M	1000L x 16W x 16H
		ALP6-1M	1000L x 16W x 16H
		ALP7-1M	1000L x 18.5W x 18.5H
		ALP8-1M	20.8 Diameter X 1000L
		ALP9-1M	1000L x 8.2W x 19.6H
		ALP10-1M	1000L x 20.2W x 19.7H

ALUMINIUM PROFILE continued. .

Catalog Version : JAN2018


Image		SKU	Dimensions (mm)
		ALP11-1M	1000L x 20W x 19.7H
		ALP12-1M	1000L x 16.2W x 19.7H
		ALP21-1M	1000L x 8.2W x 52.3H
		ALP22-1M	1000L x 26.7W x 48H
		ALP24-1M	1000L x 60W x 80H
		ALP27-1M	1000L x 27W x 20.3H
		ALP33-1M	1000L x 11W x 21.4 - (27 w/ flange)H

AUTOMOTIVE HEAD LIGHTS / DRL

P6



LED HEAD LIGHTS

Catalog Version : AUG2018

Image	SKU	Power (W)	Voltage	CCT	Lumens	IP Grade	Dimensions (mm)
	AUTO-ROUND-7IN-60W-PAIR	60W (each)	10 - 30vDC	6000K	6500Lm (HIGH BEAM) 3000Lm (LOW BEAM)	IP 67	178 x 70mm (plus lens)



LED DRL (DAYTIME RUNNING LIGHTS)

Image	SKU	Power (W)	Voltage	CCT	Functions	IP Grade	Dimensions (mm)
	DRL-VIPER2-KIT	4W (each)	10 - 36vDC	5500K	Relay for DRL control. Sold as a KIT. 2 * DRL, Control Box, Loom.	IP65	147*25*30 (each light)
	DRL-VIPER-RND-KIT	5W (each)	10 - 36vDC	6000K	Relay for DRL control. Sold as a KIT. 2 * DRL, Control Box, Loom.	IP65	90mm Diameter * 48.6 (each light)





AWNING LIGHTS

P7

AWNING / DOOR LIGHTS

Catalog Version : AUG2018

Image	SKU	Power (W)	Voltage	Color Temp	Lumens	IP Grade	Dimensions (mm)
	105-W-CW	2.9W	10 - 30vDC	6000K	390	IP 67	197 * 39 * 20
	105-W-CW	2.9W	10 - 30vDC	6000K	390	IP 67	197 * 39 * 20






CABINET LIGHT BARS


P8

UNDER CABINET




Catalog Version : JAN2018

Image	SKU	Power	Voltage	Color Temp	Lumens	Beam Angle	Dimensions (mm)
	CAB-LB-250-NW	3 Watts	12vDC	4500K	250	60	250L x 8W x 25H
	CAB-LB-250-CW	3 Watts	12vDC	6000K	270	60	250L x 8W x 25H
	CAB-LB-450-NW	5 Watts	12vDC	4500K	480	60	450L x 8W x 25H
	CAB-LB-450-CW	5 Watts	12vDC	6000K	450	60	450L x 8W x 25H
	CAB-LB-800-NW	8 Watts	12vDC	4500K	720	60	800L x 8W x 25H
	CAB-LB-800-CW	8 Watts	12vDC	6000K	750	60	800L x 8W x 25H

BATTERY POWERED WITH PIR SENSOR

	CAB-190-CW-SENS-BAT	0.8 Watts	6vDC	6500K	70	90	190L x 16W x 30H
---	---------------------	-----------	------	-------	----	----	------------------

CORNER PROFILE LIGHTING --- ALSO USED FOR LIFT KITSETS

	CAB-LBC-1000-CW	9.5 Watts	24vDC	5000K	850	60	1000L x 18W x 18H
	CAB-LBC-2000-EXTCABLE	n/a	n/a	n/a	n/a	n/a	2000L
	CAB-LBC-1000-EXTCABLE	n/a	n/a	n/a	n/a	n/a	1000L






CEILING & READING LIGHTS




P9

READING LIGHTS



Cat Version: AUG2018

Image	SKU	Power (W)	Voltage	Color Temp	Lumens	B / Angle	Dimensions (mm)
	NOVA-SS-WW	2W	10 - 30vDC	3000K	170	120	52 Diameter X 83H
	NOVA-SS-CW			6000K	190		
	NOVA-BR-WW	2W	10 - 30vDC	3000K	170	120	52 Diameter X 83H
	NOVA-BR-CW			6000K	190		
	501-S-CW	1W	10 - 30vDC	6000K	90	30	93W x 72W x 30H

INTERIOR DOME

	801-C-WW	1W	10 - 30vDC	3000K	60	90	80 Diameter X 12H
	801-C-CW			6000K	76		
	801-S-WW	1W	10 - 30vDC	3000K	60	90	80 Diameter X 12H
	801-S-CW			6000K	76		
	801-W-WW	1W	10 - 30vDC	3000K	60	90	80 Diameter X 12H
	801-W-CW			6000K	76		

^ Non Switched Version Available on Request.

	705-S-CW/BL	6.7W	10 - 30vDC	6000K & Blue	530	120	200 Diameter X 24H
	705-S-WW/BL			3000K & Blue	492		
	705-S-CW/RD			6000K & Red	530		
	705-W-CW/BL	6.7W	10 - 30vDC	6000K & Blue	530	120	200 Diameter X 24H
	705-W-WW/BL			3000K & Blue	492		
	705-W-CW/RD			6000K & Red	530		

LINEAR CEILING LIGHT

Cat Version: AUG2018

Image	SKU	Power Consumpt	Voltage	Color Temp	Lumens	B / Angle	Dimensions (mm)
	703-S-WW	2.4W	10 - 30vDC	3000K	162	120	249L x 18W x 71H
	703-S-CW			6000K	180	120	
	703-W-CW	2.4W	10 - 30vDC	3000K	180	120	249L x 18W x 71H
	703-W-WW			6000K	162	120	
	701-W-CW	4.8W	10 - 30vDC	3000K	351	120	383L x 18W x 71H
	701-W-WW			6000K	335	120	
	701-S-CW	4.8W	10 - 30vDC	3000K	351	120	383L x 18W x 71H
	701-S-WW			6000K	335	120	

CLEAR DIFFUSER
(STANDARD)









OPAQUE DIFFUSER
(OPTIONAL)
add -OP to SKU.



DOWN LIGHTS - DOMESTIC

P11

Tilttable Catalog Version : AUG2018

Image	SKU	Power	Voltage	Color (cct)	Lumens	B/ Angle	Hole (mm)	Outer Size (mm)
	DL-10W-TILT-ICF-WW	10W	180 ~ 240vAC (Driver Incl)	3000K	850	60	70	85 D X 70 H
	DL-10W-TILT-ICF-NW			4500K	800			
	DL-10W-110TILT-ICF-WW	10W	180 ~ 240vAC (Driver Incl)	3000K	850	60 and 30 Degree Available	95	110 D X 70 H
	DL-10W-110TILT-ICF-NW			4500K	800			
Fixed								
	DL-12W-IP65-WW	12W	180 ~ 240vAC (Driver Incl)	3000K	960	120	95	108 D X 80 H
	DL-12W-IP65-NW			4500K	980			
	DL-12W-ICF-145-WW	12W	180 ~ 240vAC (Driver Incl)	3000K	960	120	120	145 D X 70 H
	DL-12W-ICF-145-NW			4500K	980			
	DL-20W-ICF-WW	20W	180 ~ 240vAC (Driver Incl)	3000K	1650	120	160	190 D X 45 H
	DL-20W-ICF-NW			4500K	1680			
	DL-30W-ICF-WW	30W	180 ~ 240vAC (Driver Incl)	3000K	2400	120	205	230 D X 45 H
	DL-30W-ICF-NW			4500K	2480			



Samsung SMD5630 Full Sizes





DIMMERS & CONTROLLERS

P12



Dimmers

Catalog Version : AUG2018

Image	SKU	Max Power	Max Current	Voltage IN	Control	Installation	Dimensions (mm)
	CONTROL-DIM-9A-MINI-RF	108W	9A (3A x 3 Channel)	12-24vDC	PWM Dimming	RF via Remote	135*30*20
	CONTROL-DIM-12A-WALL	144W	12A (4A x 3 Channel)	12-24vDC	PWM Dimming	Wall Mount	86*86*36

PWM - (Pulse Width Modulation). Unlike analog dimming, PWM does not change the voltage, it turns the LED chip ON and OFF over a light cycle. For the light to be dimmed to 25% the LED is ON for 25% of the cycle, and OFF for 75% of the cycle. PWM uses the humans eye's ability to assimilate the average amount of light pulses - As long as the rate is high enough, the eye will not perceive any pulsing, instead recognize an overall average of light.

RGB Controllers

	CONTROL-RGB-9A-MINI-RF	108W	9A (3A x 3 Channel)	12-24vDC	RGB Control via RF w/ PWM Dimming	RF via Remote	135*30*20
	CONTROL-RGB-12A-WALL	144W	12A (4A x 3 Channel)	12-24vDC	RGB Control via Panel w/ PWM Dimming	Wall Mount	86*86*36



DOMESTIC LAMPS (VINTAGE) 12/24vDC

P13

Extra Low Voltage Domestic FILAMENT Bulbs (12v / 24v) (B22 / B15 / E27 / E14) Catalog Version : AUG2018

Image	SKU	Material	Power	Base	Voltage	CCT	Lumen	Dimensions (mm)
	E14-CAND-4W-FIL-WW-12V	Glass (Tawny)	3W	E14	12-24vDC	3000K	290	D35 * 100L
	B15-CAND-3W-FIL-WW-12V	Glass (Tawny)	3W	B15	12-24vDC	3000K	290	D35 * 100L
	E27-G45-3W-FIL-WW-12V	Glass (Tawny)	3W	E27	10-36vDC	3000K	290	D45 * 75L
	B22-G45-3W-FIL-WW-12V	Glass (Tawny)	3W	B22	10-36vDC	3000K	290	D45 * 75L
	E27-A60-8W-FIL-WW-12V	Glass (Tawny)	8W	E27	10-36vDC	3000K	750	D60 * 100L
	B22-A60-8W-FIL-WW-12V	Glass (Tawny)	8W	B22	10-36vDC	3000K	750	D60 * 100L
	E27-ST64-6W-FIL-WW-12V	Glass (Tawny)	6W	E27	12/24vDC	3000K	550	D64 * 150L
	E27-G125-5W-FIL-WW-12V	Glass (Tawny)	5W	E27	12/24vDC	3000K	450	D125 * 170L
	CABLE-VINBLK-E27x10-10M	Black IP67	N/A	E27	12/24vDC	N/A	N/A	10 Meter Length. 10 x E27 Sockets








Tawny Glass



Domestic Lamps (Extra Low Voltage)

P14

Extra Low Voltage Domestic Bulbs (12v / 24v / 36v / 80v / 130v) - (B22 / B15 / E27 / E14)

Image	SKU	Base	Power	Voltage	Color Temp	Lumens	Beam	Dimensions (mm)
	B22-8W-CW-12V	B22	8W	10-30vDC & 12vAC	6000K	750	180	60 Diameter X 105L
	B22-8W-WW-12V				3000K	700		
	B22-8W-CW-36V				6000K	750		
	B22-8W-CW-80V							
	E27-8W-CW-12V	E27	8W	10-30vDC & 12vAC	6000K	750	180	60 Diameter X 105L
	E27-8W-WW-12V				3000K	700		
	E27-8W-CW-36V				6000K	750		
	E27-8W-CW-80V							
	B22-3W-CW-12V	B22	3W	10-30vDC & 12vAC	6000K	300	180	45 Diameter X 70L
	B22-3W-NW-12V				4000K	280		
	B22-3W-WW-12V				3000K	260		
	E27-3W-CW-12V	E27	3W	10-30vDC & 12vAC	6000K	300	180	45 Diameter X 70L
	E27-3W-NW-12V				4000K	280		
	E27-3W-WW-12V				3000K	260		
	E14-3W-CW-12V	E14	3W	10-30vDC & 12vAC	6000K	300	180	45 Diameter X 70L
	E14-3W-NW-12V				4000K	280		
	E14-3W-WW-12V				3000K	260		









DRIVERS / TRANSFORMERS

P15








INDOOR LED POWER SUPPLY - CV (Constant Voltage)

Catalog Version : JAN2018

Image	SKU	Voltage IN	Voltage OUT	Power (W)	Dimensions (mm)
	PSU-36W-12V	100~265vAC	12vDC	36W	145*45*28
	PSU-36W-24V	100~265vAC	24vDC	36W	145*45*28
	PSU-48W-12V	100~265vAC	12vDC	48W	145*45*28
	PSU-48W-24V	100~265vAC	24vDC	48W	145*45*28
	PSU-75W-12V	170~240vAC	12vDC	75W	200*63*30
	PSU-75W-24V	170~240vAC	24vDC	75W	200*63*30

OUTDOOR (IP67 WATERPROOF) - CV (Constant Voltage)

Catalog Version : JAN2018

	PSU-60W-12V-IP67	200~240vAC	12vDC	60W	180*68*53
	PSU-100W-12V-IP67	200~240vAC	12vDC	100W	200*68*54
	PSU-100W-24V-IP67	200~240vAC	24vDC	100W	200*68*54
	PSU-150W-12V-IP67	200~240vAC	12vDC	150W	242*68*53
	PSU-150W-24V-IP67	200~240vAC	24vDC	150W	242*68*53
	PSU-250W-12V-IP67	200~240vAC	12vDC	250W	235*132*68
	PSU-250W-24V-IP67	200~240vAC	24vDC	250W	235*132*68

FLOOD & SPOT LIGHTS (MARINE GRADE)

P16

Performance Light Bars - Marine Grade - 316SS bracket

Catalog Version : JAN2018

Image	SKU	Power (W)	Lumens	Input Voltage	CCT	IP Rating	Dimensions (mm)
	930-SPOT	18W	1260	9 - 32vDC	6500K	IP67	100L*95W*64H
	931-FLOOD	36W	2520	9 - 32vDC	6500K	IP67	164L*95W*64H
	933-SPOT	72W	5040	9 - 32vDC	6500K	IP67	300L*95W*64H
	933-COMBO						
	950-FLOOD	72W	5040	9 - 32vDC	6500K	IP67	165L*155W*100H
	950-COMBO	72W	5040	9 - 32vDC	6500K	IP67	165L*155W*100H
	970-COMBO	144W	10080	9 - 32vDC	6500K	IP67	300L*155W*100H
	970-SPOT						
	970-FLOOD						

Deck Lighting - Marine Grade - 316SS Brackets

	810-B	12 Watts	960	9 - 32vDC	6500K	IP67	135L*100W*90H
	810-W	12 Watts	960	9 - 32vDC	6500K	IP67	135L*100W*90H
	NIGHTHAWK-W	18 Watts	1260	9 - 32vDC	6500K	IP67	185L*55W*80H
	NIGHTHAWK-B	18 Watts	1260	9 - 32vDC	6500K	IP67	185L*55W*80H

FLOOD LIGHTING

P17






SLIMLINE Domestic and Semi Comercial - 240vAC

Catalog Version : JAN2018

Image	SKU	BEAM	Power	Input Voltage	CCT	Lumen	IP Rating	Dimensions (mm)
	FL-10W-G3-CW-BLACK	120	10W	200-240vAC	5000K	950	IP65	130*96*30
	FL-10W-G3-CW-WHITE	120	10W	200-240vAC	5000K	950	IP65	130*96*30
	FL-30W-G3-CW-BLACK	120	30W	200-240vAC	5000K	2800	IP65	168*228*38
	FL-30W-G3-CW-WHITE	120	30W	200-240vAC	5000K	2800	IP65	168*228*38
	FL-30W-G3-CW-BLACK (PIR)	120	30W	200-240vAC	5000K	2800	IP65	168*228*38 (plus PIR)
	FL-50W-G3-CW-BLACK	120	50W	200-240vAC	5000K	4700	IP65	250*160*50
	FL-50W-G3-CW-WHITE	120	50W	200-240vAC	5000K	4700	IP65	250*160*50




F300 SERIES - (Modular) - 240vAC

Catalog Version : JAN2018

	F300-50W-CW	30/60/120	50W	100-240vAC	5000K	6000	IP65	238*102*178
	F300-100W-CW	30/60/120	100W	100-240vAC	5000K	12000	IP65	238*219*227
	F300-150W-CW	30/60/120	150W	100-240vAC	5000K	18000	IP65	238*340*227
	F300-200W-CW	30/60/120	200W	100-240vAC	5000K	24000	IP65	425*219*227
	F300-300W-CW	30/60/120	300W	100-240vAC	5000K	36000	IP65	425*340*227

F500 SERIES - (Modular) - 240vAC

Catalog Version : JAN2018

Image	SKU	BEAM	Power	Input Voltage	CCT	Lumen	IP Rating	Dimensions (mm)
	F500-480W-5K	30/60/120	480W	100-240vAC	5000K	79,200	IP65	536*165*579
	F500-960W-5K	30/60/120	960W	100-240vAC	5000K	158,400	IP65	846*202*579
	F500-1200W-5K	30/60/120	1200W	100-240vAC	5000K	198,000	IP65	1001*277*579




GAS STATION LIGHTING

P19

EX RATED - RECESSED GAS STATION LIGHTING

Catalog Version : JAN2018




Image	SKU	BEAM	Input Voltage	CCT	Lumen	IP Rating	Dimensions (mm)
	CANOPY-120W-R	90	100-240vAC	5000K	10,500	IP66	343*343*145 (400*400 Recessed)
	CANOPY-150W-R	90	100-240vAC	5000K	13,500	IP66	343*343*145 (400*400 Recessed)



HIGH BAY - Commercial

THUNDER SERIES

Catalog Version : JAN2018

Image	SKU	Beam Options	Voltage IN	CCT	Lumen	IP	Dimensions (mm)
	TH-BAY-100W-CW	70/90/120	90-300vAC	5000K	11,000	IP65	Ø200 * 210mm (without reflector)
	TH-BAY-150W-CW	70/90/120	90-300vAC	5000K	16,500	IP65	Ø260 * 210mm (without reflector)
	TH-BAY-200W-CW	70/90/120	90-300vAC	5000K	22,000	IP65	Ø260 * 235mm (without reflector)



Crystal Lens (70 degree)






Aluminium Lens (90 degree)



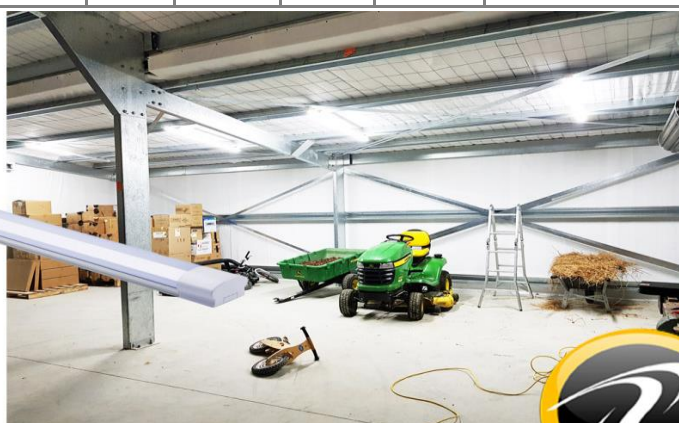
Diffused Lens (120 degree)




LINEAR BATTEN LIGHT

P20

Image	SKU	Power	Input Voltage	CCT	Lumens	IP	B / Angle	Dimensions (mm)
GEN 3 SERIES (WAGO TERMINAL)								
	LIN-G3-600-5K	20W	100-265vAC	5000K	2600Lm	IP44	150	600x80x36
	LIN-G3-1200-5K	40W	100-265vAC	5000K	5200Lm	IP44	150	1200x80x36
	LIN-G3-1500-5K	60W	100-265vAC	5000K	7800Lm	IP44	150	1500x80x36

GEN3 LED BATTEN LIGHT 600 / 1200 / 1500MM





GEN 3 SERIES (LINKABLE)								Catalog Version : JAN2018
Image	SKU	Power	Input Voltage	CCT	Lumens	IP	B / Angle	Dimensions (mm)
	LIN-LINK600-5K	20W	100-265vAC	5000K	2600Lm	IP44	150	600x73x55
	LIN-LINK1200-5K	40W	100-265vAC	5000K	5200Lm	IP44	150	1200x73x55
	LIN-LINK1500-5K	60W	100-265vAC	5000K	7800Lm	IP44	150	1500x73x55





ACCENT AND STEP LIGHTING

Catalog Version : AUG2018

Image	SKU	Power Head Lig	Voltage IN		IP Rating	Dimensions (mm)	Installation Type
	101144-ARU-SS-W	0.55W	10-16vDC	5000K	IP67	23 Diameter X 19H	Recessed
	101145-ARU-SS-B	0.55W	10-16vDC	Blue	IP67	23 Diameter X 19H	Recessed



LIVE BAIT TANK

	101085-NEWT-B	0.54W	10-16vDC	Blue	IP67	22 Diameter X 19H	Recessed
---	---------------	-------	----------	------	------	-------------------	----------

COMPARTMENT / UTILITY

	101033-ANY	1.1W	10-16vDC	5000K	IP67	44Diameter X 12W	Surface Mount
	101079-RAIL-MIN-B	6W	10-30vDC	Blue	IP67	150L x 28W x 15H	Surface Mount
	101079-RAIL-MIN-W	6W	10-30vDC	5000K	IP67	150L x 28W x 15H	Surface Mount
	101070-NEV	10.8W	10-30vDC	6350K	IP67	127L x 16W x 64H	Surface Mount
	112823-HALO-W	4W	10-30vDC	5000K	IP67	50.5 Diameter X 17H	Recessed
	101073-RETRO	N/A	NA	NA	NA	76 Diameter X 18H	Recessed

SPREADER / DECK LIGHTS

	101009-CAPRI-CW	11W	10-30vDC	5000K	IP67	125L x 40W x 45H	Surface Mount
	101040-CAPRERA-CW	12W	10-30vDC	6000K	IP67	125L x 40W x 44.5H	Bracket



DOME / DOWNLIGHT

Catalog Version : AUG2018


Installation

Image	SKU	Power	Voltage IN	Color Temp	IP Rating	Dimensions (mm)	Installation Type
	113123-MIRAGE	6W	10-30vDC	5000K (NON DIM)	IP67	82 Diameter X 27H	Flush Mount
	113113-MIRAGE	6W	10-30vDC	5000K (NON DIM)	IP67	83 Diameter X 27H	Flush Mount
	113119-MIRAGE	6W	10-30vDC	3000K High CRI & DIMMABLE	IP67	83 Diameter X 27H	Flush Mount
	115119-MIRAGE	6W	10-30vDC	3000K High CRI & DIMMABLE	IP67	89 Diameter X 25H (33.5 Degree Tilt)	Flush Mount (Tiltable)
	115129-MIRAGE	6W	10-30vDC	3000K High CRI & DIMMABLE	IP67	89 Diameter X 25H (33.5 Degree Tilt)	Flush Mount (Tiltable)
	101075-AUR-WT-B	4W	10-30vDC	5000K and Blue (Dimmable)	IP67	101 Diameter X 18.5H	Surface Mount
	101076-AUR-WT-R	4W	10-30vDC	5000K and Red (Dimmable)	IP67	101 Diameter X 18.5H	Surface Mount
	101098-SS-DOME-WT-R	6W	10-30vDC	5000K and Red (Dimmable)	IP67	170 Diameter X 20H	Surface Mount



UNDERWATER LIGHTING (SURFACE MOUNTED)

Catalog Version : AUG2018

Image	SKU	Power	Voltage IN	Color Temp	IP Rating	Dimensions (mm)	Installation Type
	101246-SBLAZE-Mini-B	12W (EACH)	10-30vDC	BLUE	IP68	75 Diameter X 15H	Surface Mount
	101436-SBLAZE-Mini-SPECTRUM	11W	10-30vDC	RGB + WHITE (Spectrum Output)	IP68	75 Diameter X 15H	Surface Mount
	101511-SBLAZE-QUATTRO	25W	10-30vDC	6500K and Blue (DUAL COLOUR)	IP68	99.5 Diameter X 20H	Surface Mount
	101510-QUATTRO-SPECTRUM	25W	10-30vDC	RGB + WHITE (Spectrum Output)	IP68	99.5 Diameter X 20H	Surface Mount
	101141-SBLAZEX-W-B	45W	10-30vDC	5000K and Blue	IP68	100 Diameter X 19H	Surface Mount



DUALCOM
TECHNOLOGY

proud distributors of



REPLACEMENT LAMPS (Marine / Auto / RV)

P24

BA15 BAYONET LAMPS

Catalog Version : JAN2018

Image	SKU	Base	Power	Voltage	Color Temp	Lumens	Beam	Dimensions (mm)
	BA15S-6L-CW	Single Contact	1.5W	10 - 30vDC	6000K	107	120	26 Diameter X 35L
	BA15S-6L-WW				3000K	97		
	BA15D-6L-CW	Double Contact	1.5W	10 - 30vDC	6000K	107	120	26 Diameter X 35L
	BA15D-6L-WW				3000K	97		
	BA15S-15L-CW	Single Contact	1.4W	10 - 30vDC	6000K	100	270	25 Diameter X 51L
	BA15S-15L-WW				3000K	92		
	BA15D-15L-CW	Double Contact	1.4W	10 - 30vDC	6000K	100	270	25 Diameter X 51L
	BA15D-15L-WW				3000K	92		
	BAY15D-15L-CW	Double (Offset)	1.4W	10 - 30vDC	6000K	100	270	25 Diameter X 51L
	BAY15D-15L-WW				3000K	92		
	BA15S-18L-CW	Single Contact	3W	10 - 30vDC	6000K	266	270	19 Diameter X 40L
	BA15S-18L-WW				3000K	231		
	BA15D-18L-CW	Double Contact	3W	10 - 30vDC	6000K	266	270	19 Diameter X 40L
	BA15D-18L-WW				3000K	231		
	BAY15D-18L-CW	Double (Offset)	3W	10 - 30vDC	6000K	266	270	19 Diameter X 40L
	BAY15D-18L-WW				3000K	231		
	AUTO-BAY15D-RD-DUAL	1157 - BAY15D	0.5W / 3W	10 - 30vDC	RED	N/A	270	20 Diameter X 45L


FESTOON AND BARREL LAMPS

Catalog Version : JAN2018


	BL43-12L-CW	Barrel	1W	10 - 16vDC	6000K	84	360	43L x 13W
	BL43-12L-WW				3000K	80		
	BL43-12L-RD	Barrel	1W	10 - 16vDC	Red	NA	360	43L x 13W
	BL43-12L-GN				Green	NA		
	F31-4L-WW	Spade	0.9W	10 - 30vDC	3000K	60	120	31L x 16W x 16H
	F31-4L-CW				6000K	72		
	F37-6L-WW	Spade	1.5W	10 - 30vDC	3000K	97	120	37L x 16W x 16H
	F37-6L-CW				6000K	107		
	F42-6L-WW	Spade	1.5W	10 - 30vDC	3000K	97	120	42L x 16W x 16H
	F42-6L-CW				6000K	107		
	F42-9L-WW	Spade	2W	10 - 30vDC	3000K	145	270	42L x 19W x 19H
	F42-9L-CW				6000K	160		
	AUTO-F44-RD-BRAKE	Festoon	2.5W	12V (optional 24v)	RED	N/A	120	44L x 22W
	AUTO-F44-RD-TURN	Festoon	2.5W	12V (optional 24v)	AMBER	N/A	120	44L x 22W
	AUTO-F39-RD-TAIL	Festoon	0.5	12V (optional 24v)	RED	N/A	120	39L x 10W
	AUTO-F39-CW-TAIL	Festoon	0.5	12V (optional 24v)	WHITE	N/A	120	39L x 10W

G4 LAMPS

Catalog Version : JAN2018

Image	SKU	Base	Power	Voltage	Color Temp	Lumens	Beam	Dimensions (mm)
	G4-9L-CW-R	REAR	1.5W	10 - 30VDC	6000K	130	120	23 Diameter X 26L
	G4-9L-WW-R	REAR	1.5W	10 - 30VDC	3000K	110	120	23 Diameter X 26L
	G4-9L-WW-S	SIDE	1.5W	10 - 30VDC	3000K	110	120	23 Diameter X 31L
	G4-9L-CW-S	SIDE	1.5W	10 - 30VDC	6000K	130	120	23 Diameter X 31L
	G4-12L-WW-S	SIDE	2W	10 - 30VDC	3000K	170	120	30 Diameter X 40L
	G4-12L-CW-S	SIDE	2W	10 - 30VDC	6000K	190	120	30 Diameter X 40L
	G4-12L-WW-R	REAR	2W	10 - 30VDC	3000K	170	120	30 Diameter X 28L
	G4-12L-CW-R	REAR	2W	10 - 30VDC	6000K	190	120	30 Diameter X 28L
	G4-12L-WW-T	TOWER	0.5W	10 - 30VDC	3000K	50	270	8 Diameter X 38L
	G4-12L-CW-T	TOWER	0.5W	10 - 30VDC	6000K	60	270	8 Diameter X 35L
	G4-15L-WW-T	TOWER	1.3W	10 - 30VDC	3000K	100	270	11 Diameter X 32L
	G4-15L-CW-T	TOWER	1.3W	10 - 30VDC	6000K	110	270	11 Diameter X 32L
	G4-18L-WW-T	TOWER	2.6W	10 - 30VDC	3000K	200	270	15 Diameter X 44L
	G4-18L-CW-T	TOWER	2.6W	10 - 30VDC	6000K	215	270	15 Diameter X 44L

MR11 LAMPS

	MR11-12L-WW	MR11	2W	10 - 30VDC	3000K	160	120	35 Diameter X 27L
	MR11-12L-NW	MR11	2W	10 - 30VDC	4500K	180	120	35 Diameter X 27L
	MR11-12L-CW	MR11	2W	10 - 30VDC	6000K	180	120	35 Diameter X 27L

MR16 LAMPS

	MR16-10L-CW	MR16	2W	10 - 30VDC	6000K	190	120	50 Diameter X 49L
	MR16-10L-WW	MR16	2W	10 - 30VDC	3000K	170	120	50 Diameter X 49L
	MR16-15L-CW	MR16	3W	10 - 30VDC	6000K	270	120	50 Diameter X 49L
	MR16-15L-WW	MR16	3W	10 - 30VDC	3000K	260	120	50 Diameter X 49L

T10 / T20 WEDGE

	T10-9L-WW-S	T10	1.5W	10 - 30VDC	3000K	130	120	23 Diameter X 39L
	T10-9L-CW-S	T10	1.5W	10 - 30VDC	6000K	130	120	23 Diameter X 39L
	T10-12L-WW-S	T10	2W	10 - 30VDC	3000K	170	120	32 Diameter X 46L
	T10-12L-CW-S	T10	2W	10 - 30VDC	6000K	190	120	32 Diameter X 46L
	T10-12L-WW-R	T10	2W	10 - 30VDC	3000K	170	120	32 Diameter X 20H
	T10-12L-CW-R	T10	2W	10 - 30VDC	6000K	190	120	32 Diameter X 20H
	T10-18L-WW-S	T10	3.1W	10 - 30VDC	3000K	220	120	46L x 6W x 30H
	T10-18L-CW-S	T10	3.1W	10 - 30VDC	6000K	270	120	46L x 6W x 30H
	AUTO-T20-RD-DUAL	7443 - T20	0.5W / 3W	10 - 30VDC	RED	N/A	270	12 Diameter X 55L
	AUTO-T20-4.5W-CW-REV	7443 - T20	4.5W	10 - 30VDC	6000K	400	60	20 Diameter X 55L

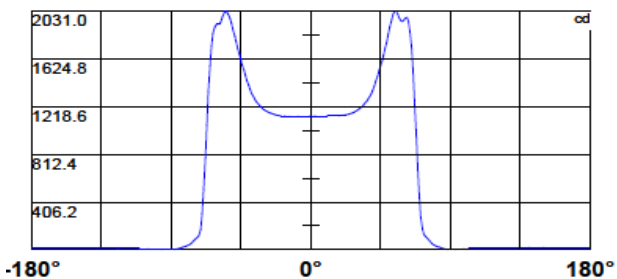
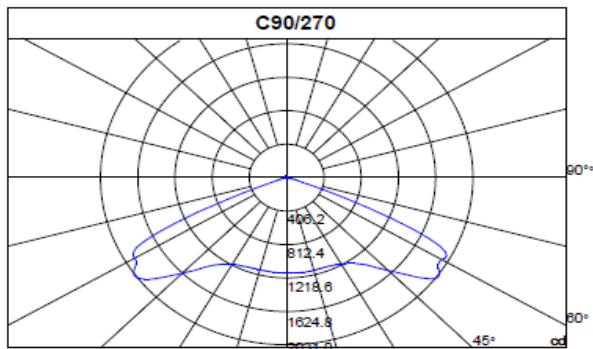
AUTOMOTIVE - FOG

	FOG-MINI2504-CW	H16 2504	2W	10 - 30VDC	6000K	190	270	40L x 30W x 45H
---	-----------------	----------	----	------------	-------	-----	-----	-----------------

Solar Street Lighting




P26

Image	SKU	Specification
	LU-SOL-STREET-20W-4K	Fixture material : aluminium die casting ACD12 Automotive Head Lights / DRL Battery: LifeP04 - 24Ah (288W/hr) LED: Osram SMD 5630 80Pcs LED power & lighting: 20W 2650lm Microwave Sensor: Programmable Recommended Solar Panel: 50W 18VDC Cable: 2*4.0MM2 with MC4 connectors IP Rate: IP66 Fixture color: Gunmetal Grey Colour Temp : 4000K
	LU-SOL-STREET-30W-5K	Fixture material : aluminium die casting ACD12 Size : 372*250*82mm Battery: LifeP04 - 27Ah (345W/hr) LED: Osram SMD 5630 80Pcs LED power & lighting: 30W 3580lm Beam angle :100°(50%)(Lateral)65°(50%)(Vertical) Microwave Sensor: Programmable Recommended Solar Panel: 80W 18VDC Cable: 2*4.0MM2 with MC4 connectors IP Rate: IP66 Fixture color: Gunmetal Grey Colour Temp : 5000K

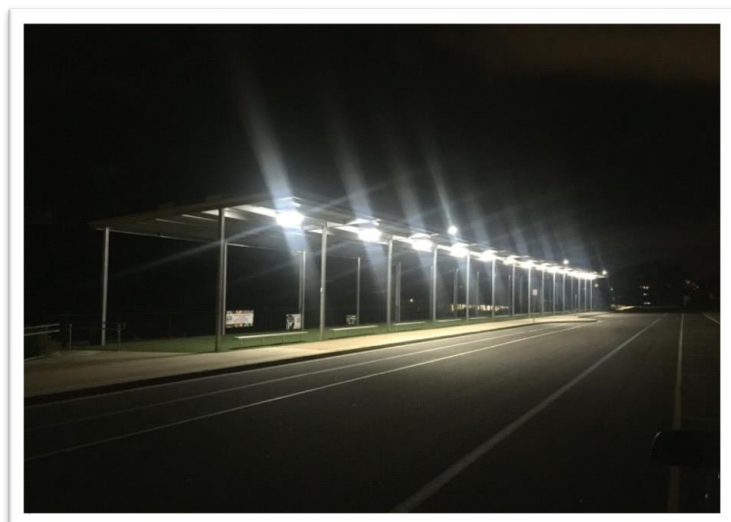


BattenPRO - All-In-One Linear Batten Light

P27

Image	SKU	Specification
	BattenPRO-300-5K	Charging Type : MPPT Size : 300*85*92mm Battery: lithium battery 87Wh 12V LED power & lighting: 10W 1100lm Microwave Sensor: Programmable Recommended Solar Panel: 30W 18VDC Cable: 2*4.0MM2 with MC4 connectors IP Rate: IP67 Colour Temp : 5000K
	BattenPRO-600-5K	Charging Type : MPPT Size : 600*85*92mm Battery: lithium battery 216Wh 12V LED power & lighting: 18W 2200lm Microwave Sensor: Programmable Recommended Solar Panel: 50W 18VDC Cable: 2*4.0MM2 with MC4 connectors IP Rate: IP67 Colour Temp : 5000K
	BattenPRO-900-5K	Charging Type : MPPT Size : 900*85*92mm Battery: lithium battery 288Wh 12V LED power & lighting: 24W 3000lm Microwave Sensor: Programmable Recommended Solar Panel: 60W 18VDC Cable: 2*4.0MM2 with MC4 connectors IP Rate: IP67 Fixture color: White Colour Temp : 5000K
	BattenPRO-1200-5K	Charging Type : MPPT Size : 1200*85*92mm Battery: lithium battery 577Wh 12V LED power & lighting: 48W 5500lm Microwave Sensor: Programmable Recommended Solar Panel: 100W 18VDC Cable: 2*4.0MM2 with MC4 connectors IP Rate: IP67 Colour Temp : 5000K

BattenPROTM



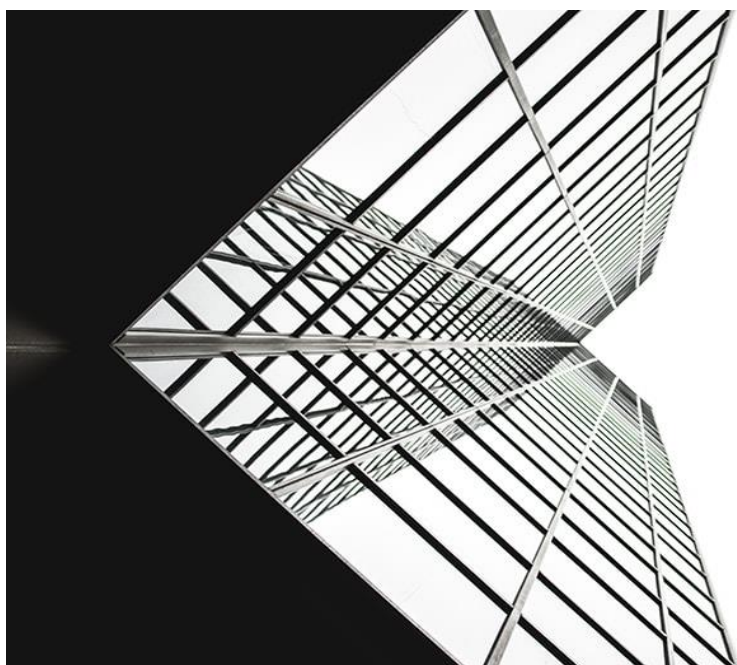
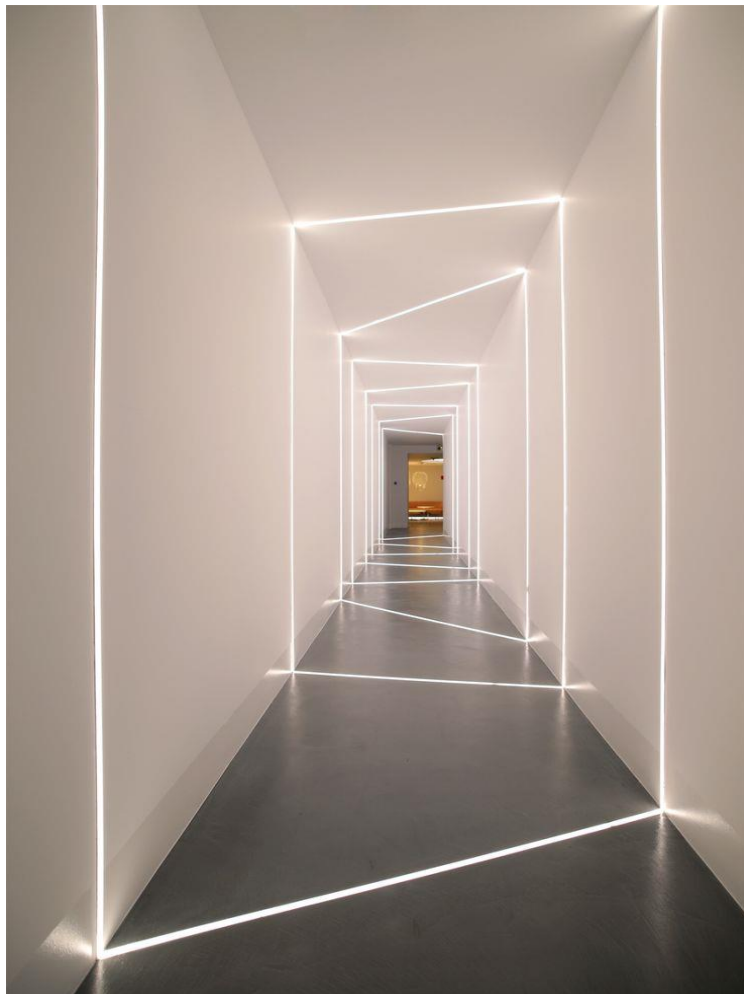
Architectural Series Flexible Strip Light

P28

INDOOR - IP44 RATED - SMD2216 CHIP

Catalog Version : AUG2018

SKU	Voltage In	Chip Type	LEDs P/ Metre	CCT	CRI	W/P/Meter	IP Rating
SL2216-300L-WW-IP44	12V	SMD2216	300	3000K	93+	18W	IP44
SL2216-300L-NW-IP44	12V	SMD2216	300	4000K	93+	18W	IP44
SL2216-300L-CW-IP44	12V	SMD2216	300	6000K	93+	18W	IP44
SL2216-300L-WW-IP44-24V	24V	SMD2216	300	3000K	93+	18W	IP44
SL2216-300L-NW-IP44-24V	24V	SMD2216	300	4000K	93+	18W	IP44
SL2216-300L-CW-IP44-24V	24V	SMD2216	300	6000K	93+	18W	IP44



**HIGH
CRI**

12V - INDOOR - IP44 RATED

Catalog Version : AUG2018

SKU	Voltage In	Chip Type	LEDs P/ Metre	CCT	CRI	Power p/meter	IP Rating
SL3528-60L-WW-IP44	12V	SMD3528	60	3000K	80	4.8W	IP44
SL3528-60L-NW-IP44	12V	SMD3528	60	4500K	80	4.8W	IP44
SL3528-60L-CW-IP44	12V	SMD3528	60	6000K	80	4.8W	IP44
SL3528-120L-WW-IP44	12V	SMD3528	120	3000K	80	9.6W	IP44
SL3528-120L-NW-IP44	12V	SMD3528	120	4500K	80	9.6W	IP44
SL3528-120L-CW-IP44	12V	SMD3528	120	6000K	80	9.6W	IP44
SL5050-60L-WW-IP44	12V	SMD5050	60	3000K	80	14.4W	IP44
SL5050-60L-NW-IP44	12V	SMD5050	60	4500K	80	14.4W	IP44
SL5050-60L-CW-IP44	12V	SMD5050	60	6000K	80	14.4W	IP44
SL5050-60L-BL-IP44	12V	SMD5050	60	BLUE	80	14.4W	IP44
SL5050-60L-GN-IP44	12V	SMD5050	60	GREEN	80	14.4W	IP44
SL5050-60L-AM-IP44	12V	SMD5050	60	AMBER	80	14.4W	IP44
SL5050-60L-RD-IP44	12V	SMD5050	60	RED	80	14.4W	IP44
SL5050-60L-RGB-IP44	12V	SMD5050	60	RGB	80	14.4W	IP44

12V - OUTDOOR - IP68 WATERPROOF

SL3528-60L-WW-IP68	12V	SMD3528	60	3000K	80	4.8W	IP68
SL3528-60L-NW-IP68	12V	SMD3528	60	4500K	80	4.8W	IP68
SL3528-60L-CW-IP68	12V	SMD3528	60	6000K	80	4.8W	IP68
SL3528-120L-WW-IP68	12V	SMD3528	120	3000K	80	9.6W	IP68
SL3528-120L-NW-IP68	12V	SMD3528	120	4500K	80	9.6W	IP68
SL3528-120L-CW-IP68	12V	SMD3528	120	6000K	80	9.6W	IP68
SL3528-120L-AM-IP68	12V	SMD3528	120	AMBER	80	9.6W	IP68
SL5050-60L-NW-IP68	12V	SMD5050	60	4500K	80	14.4W	IP68
SL5050-60L-CW-IP68	12V	SMD5050	60	6000K	80	14.4W	IP68
SL5050-60L-RD-IP68	12V	SMD5050	60	RED	80	14.4W	IP68
SL5050-60L-RGB-IP68	12V	SMD5050	60	RGB	80	14.4W	IP68
SL5050-60L-GN-IP68	12V	SMD5050	60	GREEN	80	14.4W	IP68
SL5050-60L-BL-IP68	12V	SMD5050	60	BLUE	80	14.4W	IP68

24V - INDOOR - IP44 RATED

SL3528-120L-WW-IP44-24V	24V	SMD3528	120	3000K	80	9.6W	IP44
SL3528-120L-NW-IP44-24V	24V	SMD3528	120	4500K	80	9.6W	IP44
SL3528-120L-CW-IP44-24V	24V	SMD3528	120	6000K	80	9.6W	IP44
SL5050-60L-RD-IP44-24V	24V	SMD5050	60	RED	80	14.4W	IP44
SL5050-60L-GN-IP44-24V	24V	SMD5050	60	GREEN	80	14.4W	IP44
SL5050-60L-AM-IP44-24V	24V	SMD5050	60	AMBER	80	14.4W	IP44
SL5050-60L-BL-IP44-24V	24V	SMD5050	60	BLUE	80	14.4W	IP44
SL5050-60L-RGB-IP44-24V	24V	SMD5050	60	RGB	80	14.4W	IP44

24V - OUTDOOR IP68 WATERPROOF

SL3528-120L-WW-IP68-24V	24V	SMD3528	120	3000K	80	9.6W	IP68
SL3528-120L-NW-IP68-24V	24V	SMD3528	120	4500K	80	9.6W	IP68
SL3528-120L-CW-IP68-24V	24V	SMD3528	120	6000K	80	9.6W	IP68
SL5050-60L-NW-IP68-24V	24V	SMD5050	60	4500K	80	14.4W	IP68
SL5050-60L-RD-IP68-24V	24V	SMD5050	60	RED	80	14.4W	IP68
SL5050-60L-AM-IP68-24V	24V	SMD5050	60	AMBER	80	14.4W	IP68
SL5050-60L-GN-IP68-24V	24V	SMD5050	60	GREEN	80	14.4W	IP68
SL5050-60L-BL-IP68-24V	24V	SMD5050	60	BLUE	80	14.4W	IP68
SL5050-60L-RGB-IP68-24V	24V	SMD5050	60	RGB	80	14.4W	IP68



SOLD BY THE METER.
(MAX 5 METER CONTINUOUS)

TUBE LIGHTING

P30



T8 - ROTATABLE WITH LOCKING ENDS

Catalog Version : JAN2018

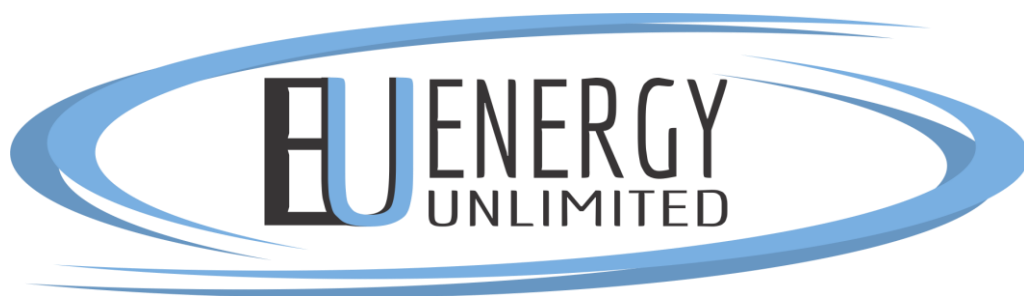
Image	SKU	Power	Input Voltage	Lumen	CCT	Fitting	Dimensions (mm)
	T8-600-NW	10W	100-240vAC	1100	4500K	T8	600*30
	T8-600-CW				6000K		
	T8-900-NW	15W	100-240vAC	1300	4500K	T8	900*30
	T8-900-CW				6000K		
	T8-1200-NW	20W	100-240vAC	2200	4500K	T8	1200*30
	T8-1200-CW				6000K		
	T8-1500-NW	25W	100-240vAC	2750	4500K	T8	1500*30
	T8-1500-CW				6000K		
	T8-1200-CW-2S	24W	36vDC (CC)	2100	6000K	T8	1200*30
	T8-1500-CW-2S	30W	36vDC (CC)	3000			1500*30
	T8-1500-CW-2S-CD	30W	36vDC (CC)	3000			1500*30

* Double sided T8 tubes (-2S) come with an external constant current driver / power supply, to power from a mains 240vAC connection.

OUTDOOR - IMPACT RESISTANT

Image	SKU	IP Rating	Input Voltage	Material	Clip Type	Fitting	Dimensions (mm)
	T8-600-FIX-SGL	IP 65	100-240AC	ABS / PC	Plastic	T8	660x69x78
	T8-1200-FIX-SGL	IP 65	100-240AC	ABS / PC	Plastic	T8	1260x69x78
	T8-1500-FIX-SGL	IP 65	100-240AC	ABS / PC	Plastic	T8	1560x69x78
	T8-600-FIX-DBL	IP 65	100-240AC	ABS / PC	Plastic	T8	660x99x78
	T8-1200-FIX-DBL	IP 65	100-240AC	ABS / PC	Plastic	T8	1260x99x78
	T8-1500-FIX-DBL	IP 65	100-240AC	ABS / PC	Plastic	T8	1560x99x78





ENERGY PRODUCTS AVAILABLE ONLINE AT
WWW.ENERGYUNLIMITED.CO.NZ






DUALCOM TECHNOLOGY LTD - INFO@DUALCOM.CO.NZ - 09 889 0246

BATTERIES





P32

MINI AGM DEEP CYCLE

Version : FEB2018

Image	SKU	Voltage	C10	C100	Terminal Type	Weight	Dimensions (mm)
	BAT-NP4.5-12	12 VDC	4.19AH	4.50AH	F1 Spade	1.48KG	90 * 70 * 101
	BAT-NP7.2-12	12 VDC	7.00Ah	7.20AH	F1 Spade	2.1KG	151 * 65 * 94
	BAT-NP24-12	12 VDC	24AH	26.6AH	T3	7.8KG	165 * 126 * 174

HYBRID AGM DEEP CYCLE

Image	SKU	Voltage	C10	C100	Terminal Type	Weight	Dimensions (mm)
	BAT-NPS111-12	12 VDC	100AH	111AH	T4	30KG	331 * 174 * 214
	BAT-NPS195-12	12 VDC	150AH	195AH	T4	43.8KG	484 * 171 * 241
	BAT-NPS260-12	12 VDC	200AH	260AH	T5	58.8KG	522 * 240 * 244
	BAT-NPS220-6	6 VDC	220AH	240AH	T5	28.3KG	260 * 180 * 247

EnergyUnlimited NPS Series Solar Batteries are a revolutionary hybrid technology, designed primarily for off grid Photo-voltaic systems. This Valve Regulated Battery technology was developed in Japan, combining deep cycle Gel / AGM technologies and using special elements in lead alloy and an additive in electrolyte to get a longer life cycle than other AGM deep cycle batteries.

Koyama

BATTERY Management - Chargers




P33







DC-DC CHARGERS

Version : AUG2018

Image	SKU	KIT	Input Voltage	Current Rating	Battery Chemistry	Features
	BMPRO-MINIBOOST	DC-DC Charger	10-16vDC	8 - 18A (Constant Current)	AGM, GEL, Calcium, Wet	2 Stage Charge Profile. Suitable for 12V Batteries

BATTERY CHARGERS

	BMPRO-BatteryCharge4	Charger, battery connection cables (eyelet and clamps)	240vAC	0.9 / 3.0 / 4.0 Amps	AGM, GEL, Calcium, Wet, LiFePO4	Multi Stage. 6V & 12V Charger, Selectable Current. Fanless
	BMPRO-BatteryCharge7.5	Charger, battery connection cables (eyelet and clamps)	240vAC	3.75 / 5.0 / 7.5 Amps	AGM, GEL, Calcium, Wet, LiFePO4	10 Stage. 12V & 24V Charger, Selectable Current. Fanless
	BMPRO-BatteryCharge15	Charger, battery connection cables (clamps)	240vAC	5 / 10 / 15 Amps	AGM, GEL, Calcium, Wet, LiFePO4	7 Stage. 12V Charger. Selectable Current. Power Supply Mode.
	BMPRO-BatteryCharge25	Charger, battery connection cables (clamps and temperature sensor)	240vAC	5 / 15 / 25 Amps	AGM, GEL, Calcium, Wet, LiFePO4	7 Stage. 12V Charger. Selectable Current. Power Supply Mode.



BATTERY Management - All-In-One






P34



BMPRO - FULL BATTERY MANAGEMENT SYSTEMS - OEM / MANUFACTURERS

Version : AUG2018

Image	SKU	Features	Input Voltage	Current Rating	Monitoring	Features
	BMPRO-BP35PLUS-PM	All-In-One BP35 BatteryPlus Unit	100-240vAC	20A AC Charging, 35A Output Current	(If paired with TREK / RV View) Volts, Amps, temperature, battery charging and load requirements, AC, solar and AUX inputs	20A Multi-Stage AC Charger, 14 DC Outputs, Electronic Reset Fuses, CAN bus compatible with TREK, RVView, Comlink/BC300, Aux DC Input, Low Volt Disconnect
	BMPRO-BP35PLUS-SR	All-In-One BP35 BatteryPlus Unit, In-Built 30A Solar MPPT Regulator (420W, 25V Max)	100-240vAC	20A AC Charging, 30A Solar MPPT, 35A Output Current	(If paired with TREK / RV View) Volts, Amps, temperature, battery charging and load requirements, AC, solar and AUX inputs	In-built 30A MPPT Regulator, 20A Multi-Stage Charger, 14 DC Outputs, Electronic Reset Fuses, CAN bus compatible with TREK, RVView, Comlink/BC300, Aux DC Input, Low Volt Disconnect
	BMPRO-BP35PLUS-HA	All-In-One BP35 BatteryPlus Unit, In-Built 30A Solar MPPT Regulator (420W, 25V Max), LiFePO4 Lithium Charging Profile, High AMP	100-240vAC	30A AC Charging, 30A Solar MPPT, 35A Output Current	(If paired with TREK / RV View) Volts, Amps, temperature, battery charging and load requirements, AC, solar and AUX inputs	In-built 30A MPPT Regulator, LiFePO4 Charging Profile, 30A Multi-Stage Charger, 14 DC Outputs, Electronic Reset Fuses, CAN bus compatible with (TREK, RV View, Comlink/BC300), Aux DC Input, Low Volt Disconnect



PROUDLY



BATTERY Management - Monitors



P35



Image	SKU	Kit Includes	Input Voltage	Current Rating	Monitoring Capability	Features
	BMPRO-TREK	TREK Display, RJ12 Connector, Tank Sensor Plug (no tank sensors included)	Powered by BP35, Monitors Voltages from 8 to 15vDC	Refer BP35	Water Tanks (x 4), Solar Input, Voltage / Current, Time Remaining, SOC.	Clock and Temp, Low Voltage Warning, USB Charge Point, Pump control, MUST be used with BP35 Unit.
	BMPRO-DRIFTER	LCD Display, 100A Shunt, 2 x Tank Sensors, Shunt Cable + Loom (9 Meter), Neg Battery Cable.	13 - 15vDC	100A (precision shunt included)	Water Tanks (x 4), Voltage / Current, Time Remaining, SOC.	Clock and Temp, USB Charging Port, Low Voltage Warning
	BMPRO-RVVIEW	RVView Unit, RJ12 Connector for connecting directly to BP35 Unit.	Powered by BP35, Monitors Voltages from 8 to 15vDC	Refer BP35	Battery Volts and Amps, Charge/Discharge status, Battery SOC	Low cost monitor compatible with BP35 Unit. MUST be used with BP35.
	BMPRO-BATTCHECK100	BatteryCheck device, brass battery post, brass battery post connector, foam base supports	8 - 30vDC	100A +/-	Battery Volts and Amps, Charge/Discharge status, Battery SoC, SoH, Time Remaining	Bluetooth, Compatible with Smartphones. Lead Acid, AGM, Lithium (LiFePO4)
	BMPRO-BATTCHECK-PRO	BatteryCheck device, brass battery post, brass battery post connector, foam base supports	9 - 30vDC	300A +/-	Battery Volts and Amps, Charge/Discharge status, Battery SoC, SoH, Time Remaining	Bluetooth, Compatible with Smartphones. Lead Acid, AGM, Lithium (LiFePO4)
	BMPRO-BC300+COMLINK	BC300 unit, CommLink unit, cable, mounting tape, studs, bolts, foam base	8 - 16vDC	300A +/-	Voltage, Current (charge/discharge), energy usage (Ah), Temperature	Communicates via Bluetooth to BP35 to provide complete calculations for High Draw devices (Inverters)



BATTERY Management - Accessories



P36



BMPRO - TRAILER BREAK-AWAY SYSTEMS

Version : AUG2018

Image	SKU	Kit Includes	Voltage IN	Monitors	How it Works	Features
	BMPRO-TRAILSAFE	TrailSafe Unit	12V	Battery status for operational purposes, Disconnect from the vehicle.	Drives brake lights as well as electric brakes in event of break-away. Pull pin signals fault to towing vehicle.	Bluetooth and Wired for vehicle monitors. Meets Australian/NZ Regulations for 2000Kgs. Powered by House Battery.
	BMPRO-TRAILCHECK	TrailSafe Unit, Velcro Strap	12V	Signal from the TrailSafe re-operational functionality	Connect to vehicle power source (cigar socket), monitors via Bluetooth connection to TrailSafe unit.	BlueTooth connectivity, Compatible with TrailSafe.

BMPRO - DIPPER / TANK SENSORS

	BMPRO-DIPPER2.5M	Dipper tank sensor, Dipper loom with Connector	12V	N/A	Water tank levels	2.5 m cable, 5 Pin water-proof Connector
	BMPRO-DIPPER5M	Dipper tank sensor, Dipper loom with Connector	12V	N/A	Water tank levels	5 m cable, 5 Pin water-proof Connector
	BMPRO-DIPPER7.5M	Dipper tank sensor, Dipper loom with Connector	12V	N/A	Water tank levels	7.5 m cable, 5 Pin water-proof Connector



DUALCOM
TECHNOLOGY



NZ Master Distributors of **BM PRO**






CABLE & CONNECTORS




P37

SOLAR PV CABLE





Version : FEB2018

Image	SKU	Rated Voltage	Cores	Cross Sectional Diameter	Reel Size (continuous)
	SOL-CABLE-SGL-4MM	1000vDC	1	4mm²	100 Meter (sold by the meter)
	SOL-CABLE-TWIN-4MM	1000vDC	2	4mm²	100 Meter (sold by the meter)
	SOL-CABLE-TWIN-6MM	1000vDC	2	6mm²	100 Meter (sold by the meter)

MC4 CONNECTORS

Image	SKU	Rated Voltage	Max Current	IP Rating	Notes
	SOL-MC4-SET	1000vDC	30A	IP65	Supplied as a Pair
	SOL-MC4-Y	1000vDC	30A	IP65	Supplied as a Pair (for connecting panels in parallel)
	SOL-MC4-FH	1000vDC	30A	IP65	Compatible with 10*38mm Fuses

DC BREAKERS





Image	SKU	Rated Voltage	Rated Current	Package Type	Other Info
	SOL-CB-20A-2P-DIN	800vDC	20A	DIN - 2P	Thermal-Magnetic
	SOL-CB-20A-4P-DIN	1200vDC	20A	DIN - 4P	Thermal-Magnetic
	SOL-CB-125A-12-550VDC	12-550vDC	125A	DIN - 2P	Thermal-Magnetic
	SOL-CB-4P-ENCLOSER	N/A	N/A	Enclosed 4 Pole Breaker	IP66 Waterproof, 190*95*50mm

EV CHARGING




P38

EVSE WALL POD

Version : FEB2018

Image	SKU	EBoost	Connection	Power Rating	IP Rating	Voltage	Dimensions (mm)
	WALLPOD-16AECB	Yes	T2 Socket	16A / 3.5KW	IP65	Sgl Phase	370*179*142
	WALLPOD-32AECB	Yes	T2 Socket	32A / 7KW	IP65	Sgl Phase	370*179*142
	WALLPOD-32A	No	T2 Socket	32A / 7KW	IP65	Sgl Phase	370*179*142
	WALLPOD-3PH22KW	No	T2 Socket	32A / 22KW	IP65	3 Phase	370*179*142

EVSE CABLES

Image	SKU	EBoost	Connection	Current Rating	IP Rating	Voltage	Dimensions
	EV-T1T2-32A	N/A	T1 to T2	32A	IP54	Sgl Phase	5 Meter
	EV-T2T2-32A	N/A	T2 to T2	32A	IP54	Sgl Phase	5 Meter
	EV-T2T2-32A-3PH	N/A	T2 to T2	32A	IP54	3 Phase	5 Meter









INVERTERS



P39

RV INVERTERS

Version : AUG2018

Image	SKU	Power	Voltage IN	Output Waveform	Package Contents	Dimensions (mm)
	INVERT-300W-12V	300W (600W Surge)	12vDC	Pure Sine Wave	Inverter, Spare Fuses, Cigar Lighter Cable.	220*112*67
	INVERT-600W-12V	600W (1200W Surge)	12vDC	Pure Sine Wave	Inverter, Spare Fuses, Cigar Lighter Cable.	240*112*67
	INVERT-1000W-12V	1000W (2000W Surge)	12vDC	Pure Sine Wave	Inverter, Positive / Negative Battery Cables.	300*180*78
	INVERT-2000W-12V	2000W (4000W Surge)	12vDC	Pure Sine Wave	Inverter, Positive / Negative Battery Cables.	397*180*78
	INVERT-2000W-24V	2000W (4000W Surge)	24vDC	Pure Sine Wave	Inverter, Positive / Negative Battery Cables.	397*180*79
	INVERT-3000W-12V	3000W (6000W Surge)	12vDC	Pure Sine Wave	Inverter, Positive / Negative Battery Cables.	400*180*130

OFF-GRID INVERTER / CHARGERS

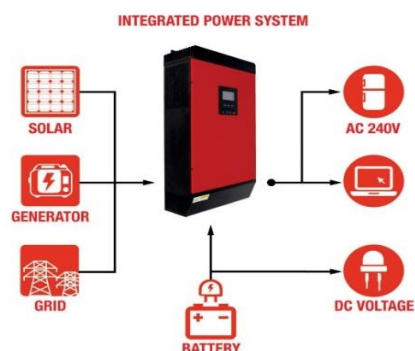
Image	SKU	AC Output	Inverter Output	Battery Voltage	Charging	Dimensions (mm)
	SOL-INVERT-5KVA-48V	4000W (8000W SURGE)	Pure Sine Wave	48V (nominal)	80A Solar MPPT (configurable) 60A Mains (configurable)	295*528*121
	SOL-INVERT-3KVA-24V	3000W (6000W SURGE)	Pure Sine Wave	24V (nominal)	80A Solar MPPT (configurable) 30A Mains (configurable)	272*355*100

FEATURES

80A MPPT Chargers Built-In
Integrate with Utility or Generator
Autostart Functionality (5KVA Only)
Stackable (5KVA Only)
LCD Control Panel

APPLICATION

Offgrid Homes
Pod / Mini Homes
RV / Caravan
Boating







PV MOUNTING BRACKETS



P40

RV / MARINE

Version : FEB2018

Image	SKU	Material	Package	Application	Dimensions (mm)
	SOL-PVMOUNT-CNRS	ABS White	4 x Corners	Solar Panel Corner Mount Support	150*150*65
	SOL-PVMOUNT-SIDES	ABS White	2 x Side Mounts	Solar Panel Side Mount Support	95*150*65
	SOL-RG-DOUBLE	ABS White	Cover + 2 IP65 Cable Glands	Dual Solar Cable Glands	100*120*38
	SOL-RG-SINGLE	ABS White	Cover + 1 IP65 Cable Gland	Single Solar Cable Gland	120*66*38




TRI FRAME / GROUND MOUNT

Image	SKU	Material	Package	Dimensions (mm)
	SOL-TRIFRAME-KIT	Aluminium Black Anodized	2 x TRI Frame Brackets , 2 * M8x16 Bolts(nyloc), 8 * M6x16 Bolts(nyloc). Requires Assembly	270*335*400
	SOL-RACKKIT-GROUND	AL6005-T5 Frame and Layin Lugs, 304SS M8 Bolts, Anodized Aluminium Surface Protected	3 * 30 Degree Tri Frames and Assesories to hold 4 x 260W PV Panels.	4200*1400*740
















DOMESTIC / COMMERCIAL RACKING COMPONENTS

Version : FEB2018

Image	SKU	Description	Material	Application	Dimensions (mm)
	SOL-RACK-ENDCLAMP-ADJ	Adjustable End Clamp 30-50mm	AL6005-T5 lay-in lug anodized aluminium SUS304 Stainless steel clip SUS304 A2-70 bolt	End Clamp for Solar Panels. Used with Rail.	40*40*50
	SOL-RACK-MIDCLAMP-ADJ	Adjustable mid clamp 35-50mm	AL6005-T5 lay-in lug anodized aluminium SUS304 Stainless steel clip SUS304 A2-70 bolt	Mid Clamp for Solar Panels. Used with Rail.	30*40*50
	SOL-RACK-RAIL-2100	PV Mounting Rail	AL6005-T5 High quality anodized aluminium	Rail for Supporting PV Panel	2100*31*49.5

DOMESTIC COMMERCIAL RACKING COMPONENTS Continued. . .

Version : FEB2018



Image	SKU	Description	Material	Application	Dimensions (mm)
	SOL-RACK-SPLICE	PV Rail Splice	AL6005-T5 & SUS304 Anodized aluminium	Used to join 2 lengths of PV Rail together	200*46*10
	SOL-RACK-ROOFMOUNT-L	L Foot Roof Mounting Bracket	AL6005-T5 EPDM Rubber Pad Wooden Screw M6 x 90mm	Attach to Steel Roof Profile, or other compatible roofing iron clamps.	40*85
	SOL-RACK-ROOFMOUNT-F	Standing Seam Roof Clamp	SUS304 High quality stainless screw / bolts	Clamp onto standing seam iron roof. Compatible with L Foot and other brackets to assist PV	
	SOL-RACK-LEGFRONT-ADJ	Adjustable Tilt Foot (Front)	AL6005-T5 lay-in lug Anodized aluminium Wooden screws M6x90mm x 2 EPDM Rubber Pads	Typically used at front of PV Array for Tilting. Attaches to PV Rail.	120*110*40
	SOL-RACK-LEGREAR-ADJ30	Adjustable Tilt Leg (Rear)	AL6005-T5 lay-in lug Anodized aluminium Wooden screws M6x90mm x 2 EPDM Rubber Pads	Used at the rear of PV Array for a 15 or 30 degree Tilt. Attaches to PV Rail.	440*110*40 / 600*110*40 (Extended)
	SOL-RACK-ROOFMOUNT-S	Tile Roof Hook / Bracket	SUS304 Wooden screws M6x65mm SUS304 inner hex bolt M8x25mm	For use on most tile roof types.	180*50 (base to tip of hook 166)
	SOL-RACK-TRI-30DEGREE	Triangle Mount - 30 Degree Pitch	AL6005-T5 Frame and Layin Lugs, 304SS M8 Bolts, Anodized Aluminium	Typically used for ground mount installations.	1350*75*47 (collapsed)
	SOL-RACK-TRI-CONNECT	Triangle Mount to RAIL Connecting Lug	AL6005-T5 Lay in Lug SUS304 A2-70 Bolt Anodized aluminium - surface protected	Used to clamp PV Rail onto the 30 degree Triangle Mount Base.	32*30*40
	SOL-RACK-EARTHLUG	PV Cable Earth Lug	AL6005-T5 lay-in lug SUS304 Stainless steel clip SUS304 A2-70 bolt	Grounding Lug Assembly	50*20*15
	SOL-RACK-EARTHJUMP	Earth Bonding Jumper Assembly	AL6005-T5 lay-in lug SUS304 Stainless steel clip SUS304 A2-70 bolt	Earth Jump Assembly	190*15*2
	SOL-RACK-EARTHCLIP	PV Panel Earth Clip - Open 8.5mm	304SS	Designed to bond PV modules to the mounting structure.	30*35*5
	SOL-RACK-CABLECLIP-4MM	304SS Cable Clip (4mm²)	304SS	Cable clip for 4mm² solar cable.	20*10*10
	SOL-RACK-CABLETIE-SS4	Stainless Steel Cable Ties	304SS	Buckle locking mechanism for quick easy installation	34*5*1

SOLAR REGULATORS

P42

PWM REGULATORS

Version : AUG2018

Image	SKU	Battery Voltage	Solar Input (V)	Charge Current	Load Current	Dimensions (mm)
	SOL-CON-SRLM10A	12 or 24v (Auto Detect)	55 VDC MAX	10A	10A	125*70*34
	SOL-CON-SRHP2430	12 or 24v (Auto Detect)	55 VDC MAX	30A	20A	164*104*47

MPPT REGULATORS








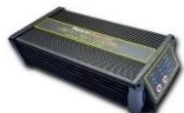
Image	SKU	Battery Voltage	Solar Input (V)	Charge Current	Load Current	Dimensions (mm)
	SOL-CON-SRMT2410	12 / 24 (AUTO DETECT)	150 VDC MAX	10A	10A	143*71*38
	SOL-CON-SRML2420	12 / 24 (AUTO DETECT)	100 VDC MAX	20A	20A	210*151*60
	SOL-CON-SRML2430	12 / 24 (AUTO DETECT)	100 VDC MAX	30A	20A	238*173*73
	SOL-CON-SRML2440	12 / 24 (AUTO DETECT)	100 VDC MAX	40A	20A	210*151*60
	SOL-CON-SRML4860	12 / 24 / 36 / 48V (AUTO DETECT)	150 VDC MAX	60A	20A	285*205*93

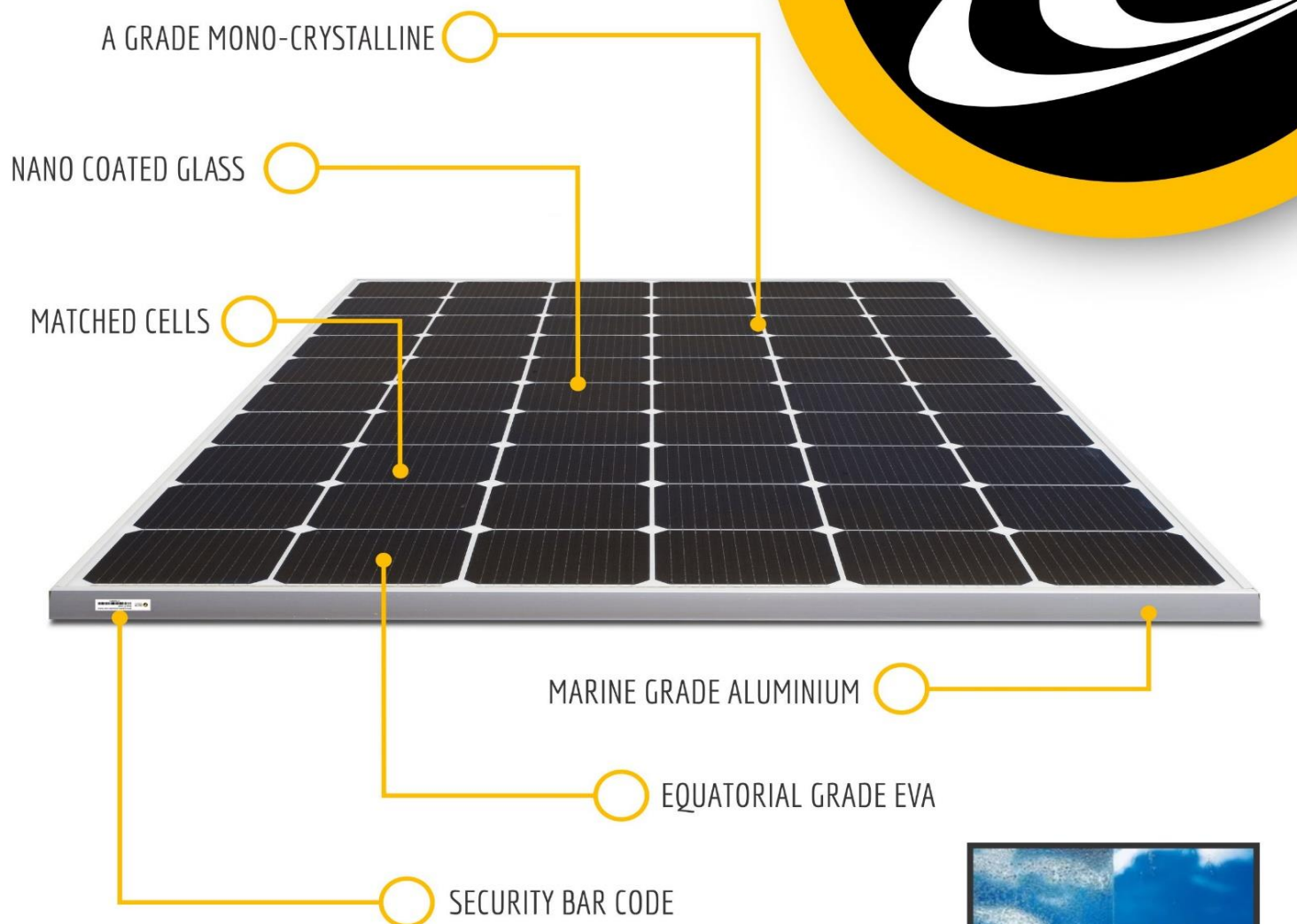
Image	SKU	Voltage	Display	Dimensions
	SOL-CON-SRRM5	Compatible ML-MPPT regulators. Only.	Powered via Regulator Display Solar / Battery Data.View Historical Data, Switch Load On/Off,	115*115mm

MAINS POWERED CHARGERS

Image	SKU	Input Voltage	Nominal Battery	Charge Current	Charge Type	Dimensions (mm)
	CHARGER-3STAGE-24V10A	240vAC	24vDC	10A	PWM 3 Stage	115*65*90
	CHARGER-7STAGE-12V20A	240vAC	12vDC	Selectable Current 2A/10A/20A Selectable Battery GEL, AGM, CALCIUM	PWM 7 Stage	115*65*91



DT NANO SERIES



NANO COATED GLASS


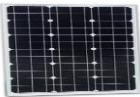




SOLAR PV PANELS



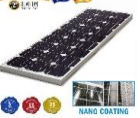
P44

GLASS SOLAR PV PANELS (STANDARD SERIES)




Version : FEB2018

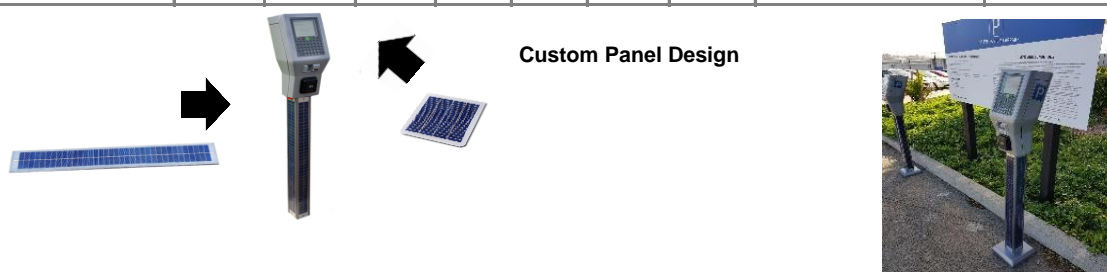
Image	SKU	Power	Cell	Vmp	Voc	Imp	Isc	Weight	Features	Dimensions (mm)
	SOL-30-18-M	30W	MONO	18.0V	21.6V	1.67A	1.8A	2.8	Compact, A grade Taiwan Mono Cell, MC4 Connectors Included.	445*525*25
	SOL-50-18-M	50W	MONO	18.0V	21.6V	2.78A	3.0A	5	Compact, A grade Taiwan Mono Cell, MC4 Connectors Included.	535*700*30
	SOL-80-18-M	80W	MONO	18.0V	21.6V	4.44A	4.8A	7.2	Compact, A grade Taiwan Mono Cell, MC4 Connectors Included.	670*760*30
	SOL-100-18-M	100W	MONO	18.0V	21.6V	5.56A	6.0A	8.5	Compact, A grade Taiwan Mono Cell, MC4 Connectors Included.	680*1000*35
	SOL-280-36-P	280W	MONO	31.91	39.1	8.77A	9.27A	18.8	High Yeld Poly Cell, MC4 Connectors Included.	992*1640*35

DT SERIES - PREMIUM PV PANEL - NANO COATING - MARINE GRADE FRAME

Image	SKU	Power	Cell	Vmp	Voc	Imp	Isc	Weight (kg)	Features	Dimensions (mm)
	DT-120M-NANO-18	120W	JA 6" MONO	18.0V	22.2V	6.67	7.07	10.2	SLIMLINE, Nano Coat, Concealed Cross Connection, High Shunt Resistance, EVA, Matched Cell, Replacable Diode, Marine Grade Alu.	550*1550*35
	DT-150M-NANO-19	150W	JA 6" MONO	18.1V	22.4V	8.29	8.78	11.3	Nano Coating, Concealed Cross Connection, High Shunt Resistance, EVA, Matched Cell, Replacable Diode, Marine Grade Alu.	625*1480*35
	DT-200M-NANO-20	200W	JA 5" MONO	18.2V	22.5V	10.99	11.65	15.5	Nano Coating, Concealed Cross Connection, High Shunt Resistance, EVA, Matched Cell, Replacable Diode, Marine Grade Alu.	808*1580*35

CUSTOM / BESPOKE - ALUMINIUM BACKSHEET - SEMI FLEXIBLE

Image	SKU	Power	Cell	Vmp	Voc	Imp	Isc	Weight	Features	Dimensions (mm)
	SOL-2W-18-M	2W	MONO	17.6V	21.6V	0.11A	0.12A	0.18Kg	Frameless Glass, Compact.	124*148*8
	SOL-7W-18-M	7W	MONO	17.6V	21.6V	0.39A	0.43A	0.23Kg	Aluminium Back-Sheet, Semi-Flexible	68*815*6
	SOL-33W-18-M	33W	MONO	18.9V	23.0V	1.75A	1.87A	1.01Kg	Aluminium Back-Sheet, Semi-Flexible	159*1375*6





TV / SATELLITE DISH


P45

TELESAT 12V TV


Version : AUG2018

Image	SKU	Input	Features	Dimensions (mm)
	TELESAT-19	12V + (240vAC POWER SUPPLY INCLUDED)	Comformal Coating, High Definition, Built-In DVD Player, VESA 100*100, Built-In Freeview, Inbuilt Satellite Tuner, PVR, Record and Playback via USB.	460*295*50
	TELESAT-24	12V + (240vAC POWER SUPPLY INCLUDED)	Comformal Coating, High Definition, Built-In DVD Player, VESA 100*100, Built-In Freeview, Inbuilt Satellite Tuner, PVR, Record and Playback via USB.	571*361*50

TV COAX CONNECTORS / ADAPTORS


Image	Image 2	SKU	Description
		RG6-ADAP-F-FEMALE-COAX-FEMALE	F Type Female plug to Female Coaxial plug
		RG6-ADAP-F-FEMALE-COAX-MALE	F Type Female plug to Male Coaxial plug
		RG6-ADAP-F-MALE-COAX-FEMALE	F Type Connector Male to Coaxial Female adaptor plug
		RG6-ADAP-F-MALE-COAX-MALE	F Type Connector Male to Coaxial Male adaptor plug
		RG6-ADAP-F-FEMALE-F-FEMALE	F Type Female to F Type Female connector
		RG6-F-MALE-PLUG	F Type connector crimp on plug for RG6 cable
		RG6-CABLE-F-MALE-F-MALE	F Type Male / Male cable 1.5m RG6

SIGNAL FINDERS

Image	SKU	Input Level MAX	Input Level MIN	Input Voltage	LNB GAIN	Features
	SF-Analog	minus 10dB	minus 40dB	13-18vDC	52 - 60dB	Adjustable level sensitivity, Built-In Tone Signal, Backlit Analog Display, LED Status Signal, Includes Connecting Cable

AUTOMATIC SATELLITE DISH

AUTO RV DISH

Image	SKU	Input Voltage	LNB	Antenna GA	Motor Type	Dimensions
	DC-AUTOSAT-AP240P	12 / 24vDC	10750	33dBi	2 Axes Stepping Motor	OPEN : 460*480*160 CLOSED : 460*480*175 DISH : 460*320 IDU : 245*43*147

FEATURES

Fast satellite search and compatibility with all digital HD ready set-top boxes and TV sets. Single power / signal wire to the antenna makes installation simple. Unique and practical design, small foot print, and low stow profile



info@dualcom.co.nz - 09 889 0246

LIGHTING ENERGY DESIGN



3D LIGHTING DESIGN
CALL DUALCOM - 09 889 0246



DUALCOM
TECHNOLOGY

www.dualcom.co.nz
info@dualcom.co.nz | 09 889 0246