

# Si BLUE SERIES

## Off-Grid Inverters

### LD - Series

Designed for harsh Australian conditions offering performance and reliability. These compact true sine wave inverters provide stable power for smaller applications wherever it is needed.

If you have a 12V or 24Vdc battery the Si Blue Series has an inverter to suit your needs.

LD - 200 - 12 - 250W 12Vdc - 240Vac

LD - 250 - 24 - 320W 24Vdc - 240Vac

Will power most "if not a-ll" of your basic camping, caravan or boating loads.

LD - 600 - 12 - 800W 12Vdc - 240Vac

LD - 700 - 24 - 900W 24Vdc - 240Vac

Suitable for small cabins, yachts and motor homes



### WM - Series

#### WALL MOUNT SERIES

The WM wall mount inverters offer quality and exceptional surge capabilities. The right choice for those intermediate loads whether it's an off-grid home, large caravan, motor home or boat. Blue Series inverters will not let you down.

WM - 1400 - 12  
1800W output at 12Vdc

WM - 1700 - 24  
2250W output at 24Vdc



### Si - Series

The entire Si range features a back-lit LCD display. The Si inverters will comfortably power the loads of a medium sized energy conscious home. Featuring SOC (battery state of charge) monitoring, auto generator start and data monitoring. All operating parameters for the inverter are easily adjustable via the LCD display, including output voltage, low and high voltage shutdown points and demand start sensitivity.

Si - 22 - 1800 / 2100W unique 12 and 24Vdc operation 240Vac

Si - 32 - 3700W 24Vdc - 240Vac

Si - 42 - 5500W 48Vdc - 240Vac

# BLUE SERIES

	LD 200-12	LD 250-24	LD 600-12	LD 700-24	WM 1400-12	WM 1700-24	Si 22 1600 (1300) 24 / (12)	Si 32 2400	Si 42 3600
<b>Electrical Specifications</b>							( ) = specifications with 12V input		
30 minute output power "TRUE POWER"	250 Watts	320 Watts	800 Watts	900 Watts	1800 Watts	2250 Watts	2100 (1800) Watts	3700 Watts	5500 Watts
Continuous output power "TRUE POWER"	200 Watts	250 Watts	600 Watts	700 Watts	1400 Watts	1700 Watts	1600 (1300) Watts	2400 Watts	3600 Watts
Surge power	600 Watts	750 Watts	1500 Watts	2000 Watts	3600 Watts	4500 Watts	5000 (4000) Watts	7000 Watts	10,000 Watts
Battery voltage	12V DC	24V DC	12V DC	24V DC	12V DC	24V DC	12V or 24V DC	24V DC	48V DC
Output	220*-240V AC +/-4% True Sine Wave @50Hz +/-0.01%, <4%Distortion								
Demand start circuitry (adj)	X	X	✓	✓	✓	✓	✓	✓	✓
Peak efficiency	91%	93%	90%	93%	91%	94%	90% (91%)	92%	95%
High Battery Voltage Protection	17V DC	34V DC	17V DC	34V DC	17V DC	34V DC	34V DC (17V DC)	34V DC	34V DC
Low battery voltage protection	10V DC	20V DC	10V DC adj	20V DC adj	10V DC adj	20V DC adj	20V DC adj	20V DC adj	10V DC adj
Thermal Share Technology	✓	✓	✓	✓	✓	✓	X	X	X
Reverse battery protection	✓	✓	✓	✓	X	X	X	X	X
Overload protection	✓	✓	✓	✓	✓	✓	✓	✓	✓
Auto recovery from overload	✓	✓	✓	✓	✓	✓	✓	✓	✓
Operating temp range	-10°C to +50°C								
Isolated output	✓	✓	✓	✓	✓	✓	✓	✓	✓
Energy Management MKII	X	X	X	X	X	X	✓	✓	✓
Remote keypad	X	X	X	X	••	••	••	••	••
Connect up to 3 current shunts	X	X	X	X	X	X	••	••	••
PWM solar regulator	X	X	X	X	X	X	••	••	••
Remote link data software	X	X	X	X	X	X	••	••	••
<b>General Specifications</b>									
Power point	✓	✓	✓	✓	X	X	✓	X	X
Double power point	X	X	X	X	X	X	✓	X	X
AC hardwire facility	X	X	✓	✓	✓	✓	✓	✓	✓
No. of LED indicators	3	3	5	5	5	5	X	X	X
Permanent memory retention	X	X	X	X	X	X	✓	✓	✓
Weight	4kg	4.2kg	7.6kg		14kg		20kg	22kg	29kg
Dimensions W x H x D mm	215 x 88 x 190		210 x 170 x 260		410 x 175 x 342		500 x 180 x 370		
Battery lead length	1.0m		1.5m						
Warranty	2 years parts & labour (conditions apply)					5 years parts & labour (conditions apply)			
Australian designed & manufactured	✓	✓	✓	✓	✓	✓	✓	✓	✓
Conforms to standards	AS3100 – wiring AS3108, C-Tick								
# All ratings are @25°C & unity power factor unless stated otherwise. * Output voltage adjustable via optional remote keypad on WM models only.      Standard = ✓      Optional = ••      Not Available = X Si Clean Energy reserves the right to change specifications without notice.									

Manufactured in Australia By Si Clean Energy \_ [www.sicleanenergy.com.au](http://www.sicleanenergy.com.au) \_ Warranty Service 1300 767 761 \_ [service@sicleanenergy.com.au](mailto:service@sicleanenergy.com.au)



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