

# Si BLUE SERIES

LD	MODELS	200, 250, 600, 700
WM	MODELS	1400, 1700
SA	MODELS	22, 32, 42

The Si Clean Energy Blue Series Inverters are extremely robust, durable, proven and efficient. They outlast and outperform countless competitors products, which means overall less impact on the environment. Si Clean Energy is currently manufacturing the LD Series, SA Series and Wall Mount Series. Si Blue Series inverters ranges from 250Watts – 3600Watts.



LD 600W-12V

LD 200W-12V

## LD SERIES INVERTERS

Packed full of style, reliability and performance, these compact true sine wave inverters provide mains style power for those smaller applications wherever it is needed. If you have a 12 or 24VDC battery there is an inverter for you.

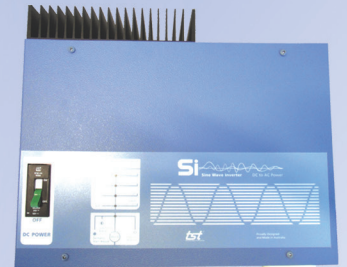
For those small loads the LD200-12 (200W 12VDC - 240VAC) LD 250-24 (250W 24VDC - 240VAC) will offer you a compact and portable power when you need it.

For those slightly larger loads, the LD 600-12 (600W 12VDC - 240VAC) and LD 700-24 (700W 24VDC - 240VAC) will power most (if not all) of your basic camping or caravanning loads.

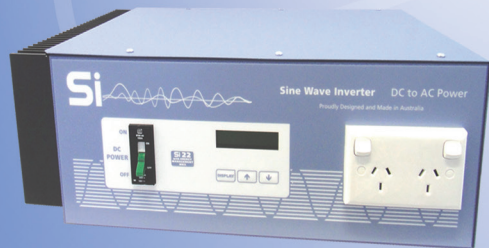
## WALL MOUNT SERIES OPTION

The 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 or motor home. You won't be let down.

The WM1400-12 outputs 1400W continuous at 12VDC input & at 24VDC input the WM1700-24 offers 1700W at 240VAC.



WM 1400W-12V



SA 22 1300W/1600W-12V/24V

## SA SERIES INVERTERS

The entire SA range features a backlit LCD display. These inverters are for the more energy conscious. Featuring EMMK11 for SOC monitoring, auto generator start and data monitoring. All adjustable operating parameters of the inverter are easily adjustable via the LCD, such as output voltage, low and high voltage shutdown points and demand start sensitivity.

SA22 (1300/1600W 12 or 24VDC input - 240VAC), SA32 (2400W 24VDC - 240VAC) and for those 48VDC systems the SA42 (3600W 48VDC - 240VAC)



MADE IN AUSTRALIA

All Blue Series inverters feature Thermal Share Technology (TST), with a Pure Sine Wave for added performance and reliability. WM and SA series have remote keypad capabilities.

## Applications



Si Clean Energy | BLUE SERIES

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# Si BLUE SERIES

	LD 200-12	LD 250-24	LD 600-12	LD 700-24	WM 1400-12	WM 1700-24	SA 22	SA 32	SA 42
<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
Energy Management MKII	X	X	X	X	X	X	•	•	•
Thermal Share Technology	•	•	•	•	•	•	X	X	X
Reverse battery protection	•	•	•	•	X	X			
Overload protection	•	•	•	•	•	•	•	•	•
Auto recovery from overload	•	•	•	•	•	•	•	•	•
Operating temp range	-10°C to +50°C								
Isolated output	•	•	•	•	•	•	•	•	•
Remote keypad	X	X	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	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								

Standard = •

Optional = ••

Not Available = X

# All ratings are @25°C & unity power factor unless stated otherwise.

\* Output voltage adjustable via optional remote keypad on WM models only.

Si Clean Energy reserves the right to change specifications without notice.

Available From

