

G-SERIES

MODIFIED SINE WAVE INVERTER



300W-1500W



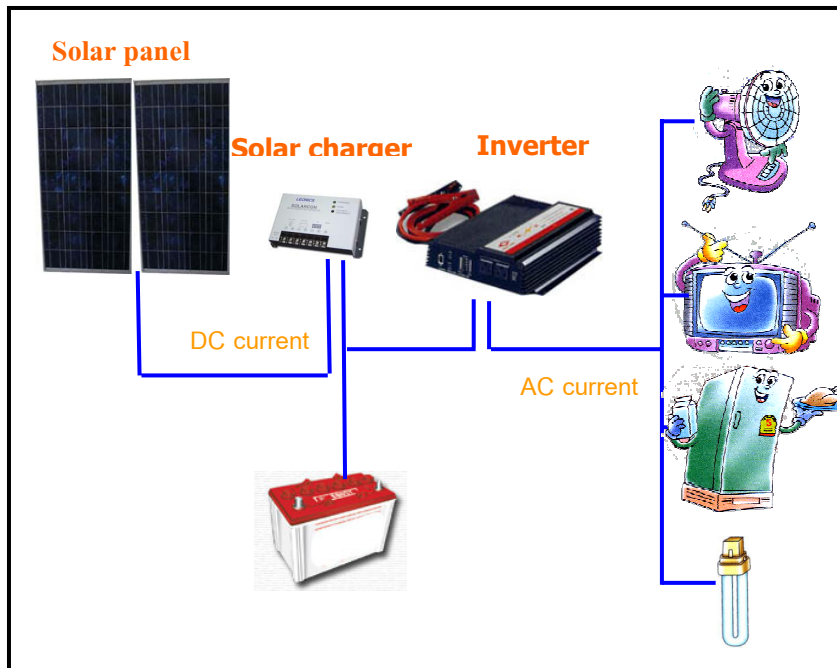
2500-3000W

The G-series inverter convert DC electricity from battey to AC electricity for home use .With high efficiency 90% and automatic protection for overload Short circuit and over temperature

The inverter have high efficieny inverter suitable for using in stand alone solar system.

Feature

- .High efficiency inverter
- .Stable output voltage and frequency
- .Full protection for overload ,short circuit and over temperature
- .Automatic low battery shutdown
- .Cooling fan
- .Efficiency 90%
- .Low battery shutdown



Inverter G-Series

	300W			600W			800W		
MODEL	G-12-030	G-24-030	G-48-030	G-12-060	G-24-060	G-48-060	G-12-080	G-24-080	G-48-080
Output Power Continuous	300W	300W	300W	600W	600W	600W	800W	800W	800W
Output Power Surge	1000W	1000W	1000W	1500W	1500W	1500W	1500W	1500W	1500W
AC output voltage	100V or 110V or 115V or 120V or 220V or 240V								
Regulation	+/-10%	+/-10%	+/-10%	+/-10%	+/-10%	+/-10%	+/-5%	+/-5%	+/-5%
Output wave form	Modified sine wave								
DC input voltage	10-15Vdc	20-30Vdc	40-60Vdc	10-15Vdc	20-30Vdc	40-60Vdc	10-15Vdc	20-30Vdc	40-60Vdc
Low battery alarm	10.5 +/-0.5V	21+/-1V	42+/-2V	10.5 +/-0.5V	21+/-1V	42+/-2V	10.7+/-0.5V	21.5+/-1V	42+/-2V
Low battery shutdown	10 +/-0.5V	20+/-1V	40+/-2V	10 +/-0.5V	20+/-1V	40+/-2V	10 +/-0.5V	20+/-1V	40+/-2V
Frequency +/- 1%	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz
	50Hz	50Hz	50Hz	50Hz	50Hz	50Hz	50Hz	50Hz	50Hz
Efficiency	90%	90%	90%	90%	90%	90%	85-90%	85-90%	85-90%
No load current draw	<0.64A	<0.3A	<0.2A	<0.65A	<0.4A	<0.2A	<0.45A	<0.25A	<0.13A
Over temperature protection	55C +/-5C	55C +/-5C	55C +/-5C	55C +/-5C	55C +/-5C	55C +/-5C	55C +/-5C	55C +/-5C	55C +/-5C
Cooling fan	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Overload protection	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Input short circuit protection	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Dimension (LxWxH) mm	258x104x58	258x104x58	258x104x58	290x205x78	290x205x78	290x205x78	330x240x77	330x240x77	330x240x77
Net weight (kgs)	1.05	1.05	1.05	2.1	2.1	2.1	2.7	2.7	2.7



TECHTRON CO.,LTD 44/36 M.2 T.Klongsabua

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Inverter G-series

	1000W			1500W			2000W			3000W		
MODEL	G-12-100	G-24-100	G-48-100	G-12-150	G-24-150	G-48-150	G-12-200	G-24-200	G-48-200	G-12-300	G-24-300	G-48-300
Output Power Continuous	1000W	1000W	1000W	1500W	1500W	1500W	2000W	2000W	2000W	3000W	3000W	3000W
Output Power Surge	2000W	2000W	2000W	2500W	2500W	2500W	4000W	4000W	4000W	5000W	5000W	5000W
AC output voltage	100V or 110V or 115V or 120V or 220V or 240V											
Regulation	+/-10%	+/-10%	+/-10%	+/-5%	+/-5%	+/-5%	+/-5%	+/-5%	+/-5%	+/-5%	+/-5%	+/-5%
Output wave form	Modified sine wave											
DC input voltage	10-15Vdc	20-30Vdc	40-60Vdc	10-15Vdc	20-30Vdc	40-60Vdc	10-15Vdc	20-30Vdc	40-60Vdc	10-15Vdc	20-30Vdc	40-60Vdc
Low battery alarm	10.5 +/-0.5V	21+/-1V	42+/-2V	10.7V	21.5V	42V	10.7V	21.5V	42V	10.7V	21.5V	42V
Low battery shutdown	10 +/-0.5V	20+/-1V	40+/-2V	10V	20V	40V	10V	20V	40V	10V	20V	40V
Frequency +/- 1%	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz
	50Hz	50Hz	50Hz	50Hz	50Hz	50Hz	50Hz	50Hz	50Hz	50Hz	50Hz	50Hz
Efficiency	85-90%	85-90%	85-90%	85-90%	85-90%	85-90%	85-90%	85-90%	85-90%	85-90%	85-90%	85-90%
No load current draw	<0.6A	<0.3A	<0.15A	<0.6A	<0.3A	<0.15A	<0.75A	<0.4A	<0.2A	<0.6A	<0.6A	<0.6A
Over temp protection	55C +/-5C	55C +/-5C	55C +/-5C	55C +/-5C	55C +/-5C	55C +/-5C	55C +/-5C	55C +/-5C	55C +/-5C	55C +/-5C	55C +/-5C	55C +/-5C
Cooling fan	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Overload protection	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Input short protection	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Dimension (LxWxH) mm	393x242x80	393x242x80	393x242x80	430x240x77	430x240x77	430x240x77	430x240x77	430x240x77	430x240x77	496x203x166	496x203x166	496x203x166
Net weight (kgs)	3.2	3.2	3.2	3.8	3.8	3.8	3.8	3.8	3.8	9	9	9



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