

Super SolarBOX

I N V E R T E R

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The most robust inverter in the world.!

2 Years unconditional exchange guarantee. 15 Years life expectancy.

2020 - 2021

New Dc to AC 220 V Inverter Series

New Dc to AC 380 V Inverter Series



Data Sheet & User Manuel Guide

12 Volt - 24 Volt - 48 Volt - 96 Volt - 110 Volt - 230 Volt - 380 Volt

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12 Volt 220 Volt Tecnical Data

Yellow Series

12 V

Kod	Models	Watt	Input BAT	Input PV	Solar CHR	Frequency	Output AC	AC Charge	AC CHR	Price
TRX-150N	12 V - DC	150 W	10.6 V - 15.6 V	11.5 V - 22.5 V	5 Amp	40 / 60 Hz	220 V +/- 4	Optional	-	\$ 28
TRX-300N	12 V - DC	300 W	10.6 V - 15.6 V	11.5 V - 22.5 V	10 Amp	40 / 60 Hz	220 V +/- 4	Optional	-	\$ 46
TRX-600N	12 V - DC	600 W	10.6 V - 15.6 V	11.5 V - 22.5 V	30 Amp	45 / 60 Hz	220 V +/- 4	Yes	5 Amp	\$ 86
TRX-1000N	12 V - DC	1000 W	10.6 V - 15.6 V	11.5 V - 22.5 V	60 Amp	45 / 60 Hz	220 V +/- 4	Yes	20 Amp	\$ 130
TRX-1500N	12 V - DC	1500 W	10.6 V - 15.6 V	11.5 V - 22.5 V	60 Amp	45 / 60 Hz	220 V +/- 4	Yes	10 Amp	\$ 196
TRX-2000N	12 V - DC	2000 W	10.6 V - 15.6 V	11.5 V - 22.5 V	90 Amp	45 / 60 Hz	220 V +/- 4	Yes	20 Amp	\$ 248
TRX-3000N	12 V - DC	3000 W	10.6 V - 15.6 V	11.5 V - 22.5 V	90 Amp	45 / 60 Hz	220 V +/- 4	Yes	20 Amp	\$ 326
TRX-3000NP	12 V - DC	3000 W	10.6 V - 15.6 V	11.5 V - 22.5 V	120 Amp	45 / 60 Hz	220 V +/- 4	Yes	30 Amp	\$ 360

We reserve the right to make changes.

Without Tax

24 Volt 220 Volt Tecnical Data

Green Series

24 V

Kod	Models	Watt	Input BAT	Input PV	Solar CHR	Frequency	Output AC	AC Charge	AC CHR	Price
TRX-1000Y	24 V - DC	1000 W	21.2 V - 28.6 V	21.5 V - 40.8 V	60 Amp	45 / 60 Hz	220 V +/- 4	Yes	10 Amp	\$ 124
TRX-2000Y	24 V - DC	2000 W	21.2 V - 28.6 V	21.5 V - 40.8 V	60 Amp	45 / 60 Hz	220 V +/- 4	Yes	10 Amp	\$ 230
TRX-3000YP	24 V - DC	3000 W	21.2 V - 28.6 V	21.5 V - 40.8 V	90 Amp	45 / 60 Hz	220 V +/- 4	Yes	20 Amp	\$ 310
TRX-3000YP	24 V - DC	3000 W	21.2 V - 28.6 V	21.5 V - 40.8 V	120 Amp	45 / 60 Hz	220 V +/- 4	Yes	20 Amp	\$ 348

We reserve the right to make changes.

Without Tax

48 Volt 220 Volt Tecnical Data

Orange Series

48 V

Kod	Models	Watt	Input BAT	Input PV	Solar CHR	Frequency	Output AC	AC Charge	AC CHR	Price
TRX-3000K	48 V - DC	3000 W	42.5 V - 58.5 V	43.5 V - 90.5 V	60 Amp	45 / 60 Hz	220 V +/- 4	Yes	20 Amp	\$ 316
TRX-3000KP	48 V - DC	3000 W	42.5 V - 58.5 V	43.5 V - 90.5 V	100 Amp	45 / 60 Hz	220 V +/- 4	Yes	30 Amp	\$ 328
TRX-5000K	48 V - DC	5000 W	42.5 V - 58.5 V	43.5 V - 90.5 V	60 Amp	45 / 60 Hz	220 V +/- 4	Yes	20 Amp	\$ 386
TRX-5000KP	48 V - DC	5000 W	42.5 V - 58.5 V	43.5 V - 90.5 V	100 Amp	45 / 60 Hz	220 V +/- 4	Yes	30 Amp	\$ 398
TRX-10000K	48 V - DC	10 Kw	42.5 V - 58.5 V	43.5 V - 90.5 V	200 Amp	45 / 60 Hz	220 V +/- 4	Yes	40 Amp	\$ 780
TRX-18KP	48 V - DC	18 Kw	42.5 V - 58.5 V	43.5 V - 90.5 V	400 Amp	45 / 60 Hz	220 V +/- 4	Yes	80 Amp	\$ 1420

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Without Tax



12 Volt Yellow Series



24 Volt Green Series



48 Volt Orange Series

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12 Volt 220 Volt Tecnical Data

Yellow Series

12 V

Kod	Models	Watt	Input BAT	Input PV	Solar CHR	Frequency	Output AC	AC Charge	AC CHR	Shock+
TRX-150N	12 V - DC	150 W	10.6 V - 15.6 V	11.5 V - 22.5 V	5 Amp	40 / 60 Hz	220 V +/- 4	-	-	5%
TRX-300N	12 V - DC	300 W	10.6 V - 15.6 V	11.5 V - 22.5 V	10 Amp	40 / 60 Hz	220 V +/- 4	-	-	5%
TRX-600N	12 V - DC	600 W	10.6 V - 15.6 V	11.5 V - 22.5 V	30 Amp	45 / 60 Hz	220 V +/- 4	Yes	5 Amp	8%
TRX-1000N	12 V - DC	1000 W	10.6 V - 15.6 V	11.5 V - 22.5 V	60 Amp	45 / 60 Hz	220 V +/- 4	Yes	10 Amp	8%
TRX-1500N	12 V - DC	1500 W	10.6 V - 15.6 V	11.5 V - 22.5 V	60 Amp	45 / 60 Hz	220 V +/- 4	Yes	10 Amp	8%
TRX-2000N	12 V - DC	2000 W	10.6 V - 15.6 V	11.5 V - 22.5 V	90 Amp	45 / 60 Hz	220 V +/- 4	Yes	20 Amp	10%
TRX-3000N	12 V - DC	3000 W	10.6 V - 15.6 V	11.5 V - 22.5 V	90 Amp	45 / 60 Hz	220 V +/- 4	Yes	20 Amp	10%
TRX-3000NP	12 V - DC	3000 W	10.6 V - 15.6 V	11.5 V - 22.5 V	120 Amp	45 / 60 Hz	220 V +/- 4	Yes	30 Amp	12%

We reserve the right to make changes.



Inverter Pv Connect "Solar Input"

Inverter Watt	Max. Pv W	Pv Models	Chr.Tips	String In	Shock+
150 W	60 Watt	Poly/Mono/Amorf/Ciss	Spwm	1	5%
300 W	120 Watt	Poly/Mono/Amorf/Ciss	Spwm	1	5%
600 W	420 Watt	Poly/Mono/Amorf/Ciss	Spwm	1	8%
1000 W	840 Watt	Poly/Mono/Amorf/Ciss	Spwm	2	8%
1500 W	840 Watt	Poly/Mono/Amorf/Ciss	Spwm	2	8%
2000 W	1260 Watt	Poly/Mono/Amorf/Ciss	Spwm	3	10%
3000 W	1260 Watt	Poly/Mono/Amorf/Ciss	Spwm	3	10%
3000 W	1700 Watt	Poly/Mono/Amorf/Ciss	Spwm	4	12%

We reserve the right to make changes.

Inverter AC Input & Output Data

12 V

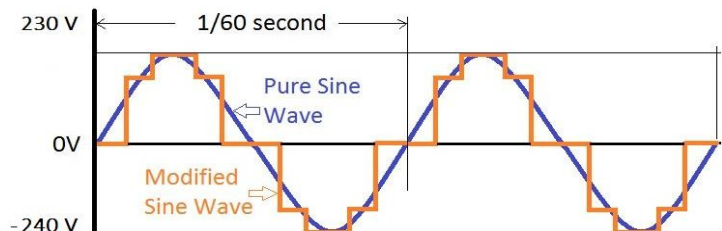
Kod	Models	Watt	Ac In	Ac Out	In Hertz	Out Hertz	Wave	AC Charge	Out Amp	In Amp
TRX-150N	12 V - DC	150 W	-	208 - 230 V	-	45 / 50 Hz	Modifies	-	0,7 Amp	-
TRX-300N	12 V - DC	300 W	-	208 - 230 V	-	45 / 50 Hz	Modifies	-	1,4 Amp	-
TRX-600N	12 V - DC	600 W	185 - 240 V	210 - 235 V	40 / 60 Hz	45 / 60 Hz	Soh Sinus	125 W	2,8 Amp	0 ~ 5
TRX-1000N	12 V - DC	1000 W	185 - 240 V	210 - 235 V	40 / 60 Hz	45 / 60 Hz	Soh Sinus	250 W	4,6 Amp	0 ~ 10
TRX-1500N	12 V - DC	1500 W	185 - 240 V	210 - 235 V	40 / 60 Hz	45 / 60 Hz	Soh Sinus	250 W	6,8 Amp	0 ~ 10
TRX-2000N	12 V - DC	2000 W	185 - 240 V	210 - 235 V	40 / 60 Hz	45 / 60 Hz	Soh Sinus	500 W	9,1 Amp	0 ~ 20
TRX-3000N	12 V - DC	3000 W	185 - 240 V	210 - 235 V	40 / 60 Hz	45 / 60 Hz	Soh Sinus	500 W	13,6 Amp	0 ~ 20
TRX-3000NP	12 V - DC	3000 W	185 - 240 V	210 - 235 V	40 / 60 Hz	45 / 60 Hz	Soh Sinus	750 W	13,6 Amp	0 ~ 30

We reserve the right to make changes.

45 / 60 Hertz

New Modified Specific Output Hertz Tecnology

210 / 235 Volt



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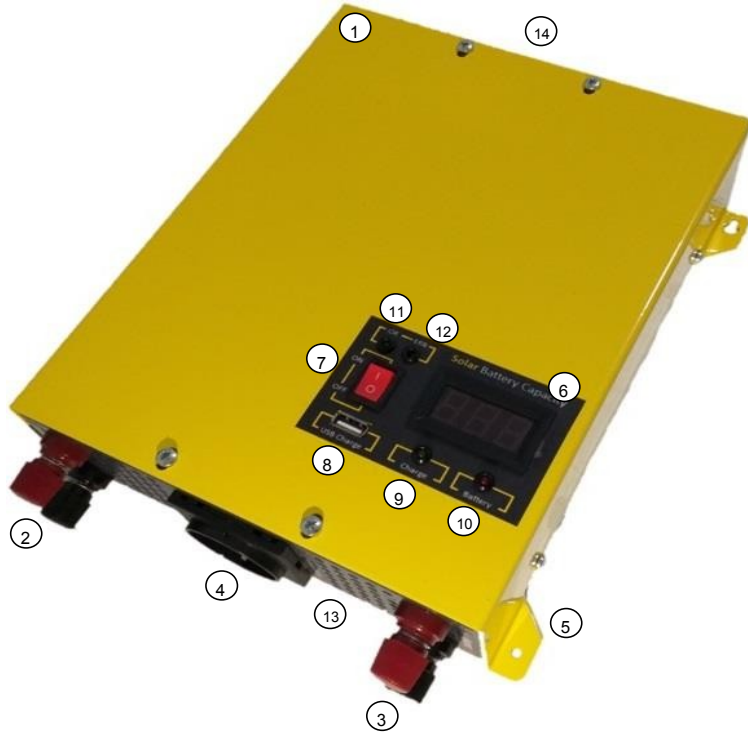
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12 Volt Inverter User Manuel Guide



- 1 Sturdy and steel body
- 2 Solar panels input (DC) Red+ / Black-
- 3 Battery input (DC) Red+ / Black-
- 4 220 Volt Output (AC)
- 5 Screw port
- 6 Led data screen DC Battery-Pv Volt
- 7 Inverter On / Of button
- 8 Usb Charger (Usb Data Optional)
- 9 Solar charge led indicator
- 10 Battery status led indicator
- 11 Inverter on indicator
- 12 Inverter error indicator
- 13 Cold air intake
- 14 Hot air out

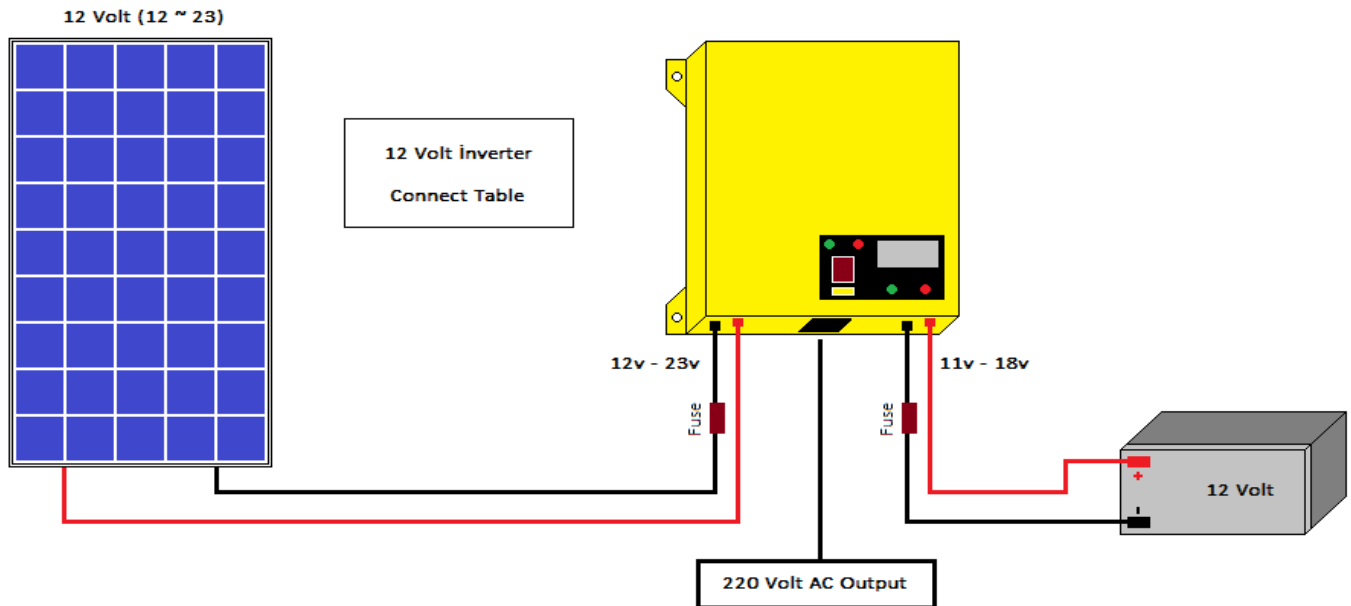
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12 Volt Connection Table

Secondly connect the solar panel

First connect the battery



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24 Volt 220 Volt Tecnical Data

Green Series

24 V

Kod	Models	Watt	Input BAT	Input PV	Solar CHR	Frequency	Output AC	AC Charge	AC CHR	Shock+
TRX-1000Y	24 V - DC 1000 W	21.2 V - 28.6 V	21.5 V - 40.8 V	60 Amp	45 / 60 Hz	220 V +/- 4	Yes	10 Amp	2%	
TRX-2000Y	24 V - DC 2000 W	21.2 V - 28.6 V	21.5 V - 40.8 V	60 Amp	45 / 60 Hz	220 V +/- 4	Yes	10 Amp	2%	
TRX-3000YP	24 V - DC 3000 W	21.2 V - 28.6 V	21.5 V - 40.8 V	90 Amp	45 / 60 Hz	220 V +/- 4	Yes	20 Amp	5%	
TRX-3000YP	24 V - DC 3000 W	21.2 V - 28.6 V	21.5 V - 40.8 V	120 Amp	45 / 60 Hz	220 V +/- 4	Yes	20 Amp	8%	

We reserve the right to make changes.



Inverter Pv Connect "Solar Input"

Inverter Watt	Max. Pv W	Pv Models	Chr.Tips	String In	Shock+
1000 W	1650 Watt	Poly/Mono/Amorf/Ciss	Spwm	2	2%
2000 W	1650 Watt	Poly/Mono/Amorf/Ciss	Spwm	2	2%
3000 W	2475 Watt	Poly/Mono/Amorf/Ciss	Spwm	3	5%
3000 W	3300 Watt	Poly/Mono/Amorf/Ciss	Spwm	4	8%

We reserve the right to make changes.

Inverter AC Input & Output Data

24 V

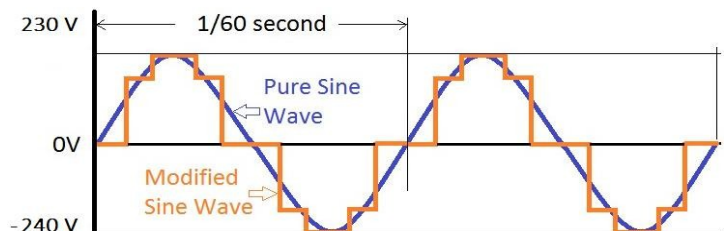
Kod	Models	Watt	Ac In	Ac Out	In Hertz	Out Hertz	Wave	AC Charge	Out Amp	In Amp
TRX-1000Y	24 V - DC 1000 W	185 - 240 V	210 - 235 V	40 / 60 Hz	45 / 50 Hz	Soh Sinus	250 W	4 Amp	0 ~ 10	
TRX-2000Y	24 V - DC 2000 W	185 - 240 V	210 - 235 V	40 / 60 Hz	45 / 50 Hz	Soh Sinus	250 W	9 Amp	0 ~ 10	
TRX-3000YP	24 V - DC 3000 W	185 - 240 V	210 - 235 V	40 / 60 Hz	45 / 60 Hz	Soh Sinus	500 W	13 Amp	0 ~ 20	
TRX-3000YP	24 V - DC 3000 W	185 - 240 V	210 - 235 V	40 / 60 Hz	45 / 60 Hz	Soh Sinus	500 W	13 Amp	0 ~ 20	

We reserve the right to make changes.

45 / 60 Hertz

New **Modified Spesific Output Hertz** Tecnology

210 / 235 Volt



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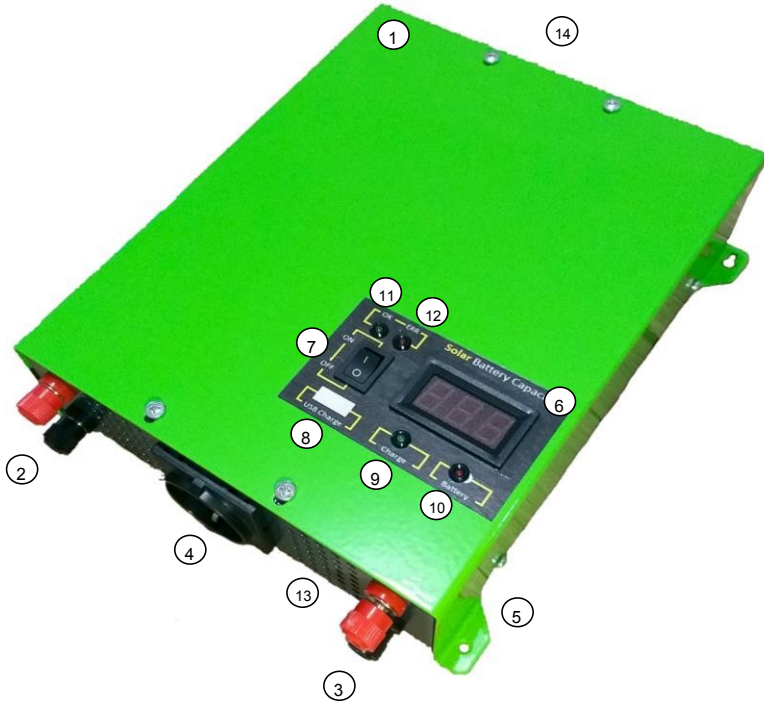
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24 Volt Inverter User Manuel Guide



- 1 Sturdy and steel body
- 2 Solar panels input (DC) Red+ / Black-
- 3 Battery input (DC) Red+ / Black-
- 4 220 Volt Output (AC)
- 5 Screw port
- 6 Led data screen DC Battery-Pv Volt
- 7 Inverter On / Of button
- 8 Usb Charger (Usb Data Optional)
- 9 Solar charge led indicator
- 10 Battery status led indicator
- 11 Inverter on indicator
- 12 Inverter error indicator
- 13 Cold air intake
- 14 Hot air out

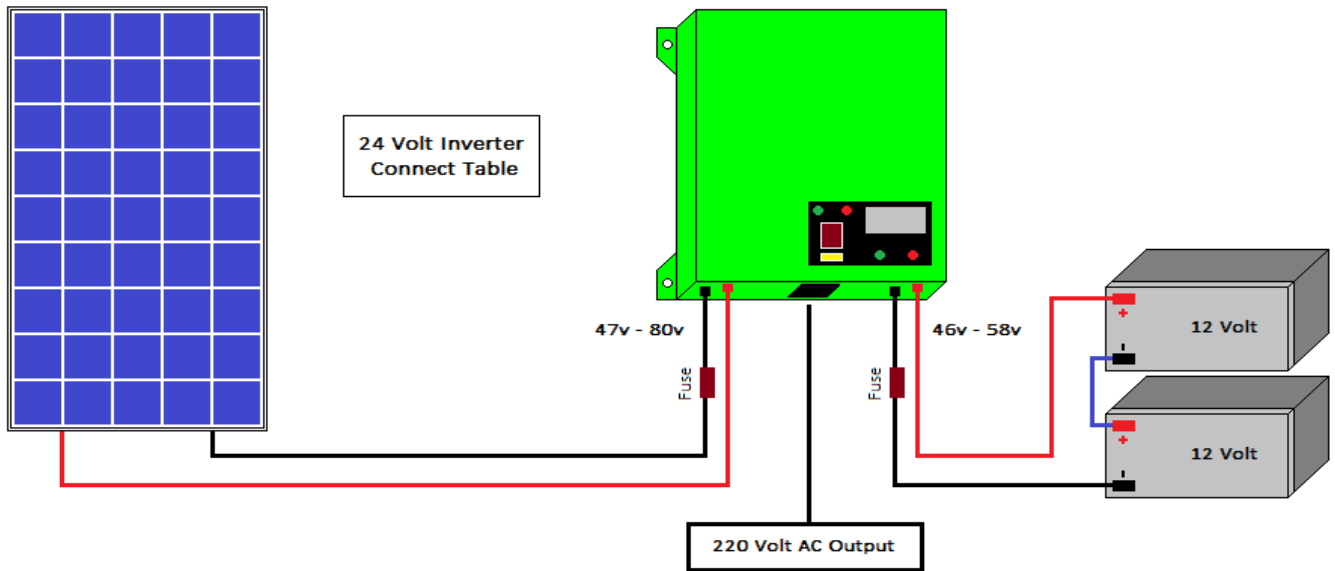
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24 Volt Connection Table

Secondly connect the solar panel

24 Volt (24 ~ 40V)

First connect the battery



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48 Volt 220 Volt Tecnical Data

Orange Series

48 V

Kod	Models	Watt	Input BAT	Input PV	Solar CHR	Frequency	Output AC	AC Charge	AC CHR	Shock+
TRX-3000K	48 V - DC 3000 W	42.5 V - 58.5 V	43.5 V - 90.5 V	90 Amp	45 / 60 Hz	220 V +/- 4	Yes	20 Amp	2%	
TRX-3000KP	48 V - DC 3000 W	42.5 V - 58.5 V	43.5 V - 90.5 V	120 Amp	45 / 60 Hz	220 V +/- 4	Yes	30 Amp	2%	
TRX-5000K	48 V - DC 5000 W	42.5 V - 58.5 V	43.5 V - 90.5 V	120 Amp	45 / 60 Hz	220 V +/- 4	Yes	30 Amp	5%	
TRX-5000KP	48 V - DC 5000 W	42.5 V - 58.5 V	43.5 V - 90.5 V	150 Amp	45 / 60 Hz	220 V +/- 4	Yes	50 Amp	8%	
TRX-10000K	48 V - DC 10 Kw	42.5 V - 58.5 V	43.5 V - 90.5 V	200 Amp	45 / 60 Hz	220 V +/- 4	Yes	40 Amp	10%	
TRX-18KP	48 V - DC 18 Kw	42.5 V - 58.5 V	43.5 V - 90.5 V	400 Amp	45 / 60 Hz	220 V +/- 4	Yes	80 Amp	15%	

We reserve the right to make changes.



Inverter Pv Connect "Solar Input"

Inverter Watt	Max. Pv W	Pv Models	Chr.Tips	String In	Shock+
TRX-3000K	1650 Watt	Poly/Mono/Amorf/Ciss	Spwm	2	2%
TRX-3000KP	1650 Watt	Poly/Mono/Amorf/Ciss	Spwm	2	2%
TRX-5000K	2475 Watt	Poly/Mono/Amorf/Ciss	Spwm	3	5%
TRX-5000KP	3300 Watt	Poly/Mono/Amorf/Ciss	Spwm	4	8%
TRX-10000K	6600 Watt	Poly/Mono/Amorf/Ciss	Spwm	6	10%
TRX-18KP	13200 Watt	Poly/Mono/Amorf/Ciss	Spwm	8	15%

We reserve the right to make changes.

Inverter AC Input & Output Data

48 V

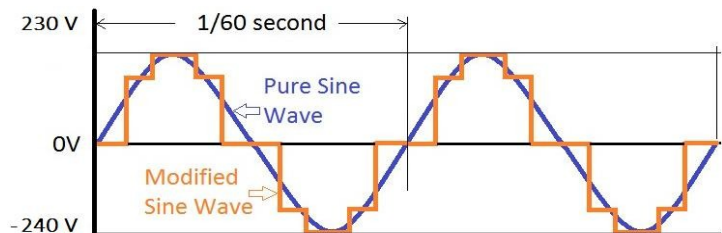
Kod	Models	Watt	Ac In	Ac Out	In Hertz	Out Hertz	Wave	AC Charge	Out Amp	In Amp
TRX-3000K	48 V - DC 3000 W	185 - 240 V	210 - 235 V	40 / 60 Hz	45 / 50 Hz	Soh Sinus	500 Watt	13,6 Amp	0 ~ 20	
TRX-3000KP	48 V - DC 3000 W	185 - 240 V	210 - 235 V	40 / 60 Hz	45 / 50 Hz	Soh Sinus	750 Watt	13,6 Amp	0 ~ 30	
TRX-5000K	48 V - DC 5000 W	185 - 240 V	210 - 235 V	40 / 60 Hz	45 / 60 Hz	Soh Sinus	500 Watt	22,7 Amp	0 ~ 20	
TRX-5000KP	48 V - DC 5000 W	185 - 240 V	210 - 235 V	40 / 60 Hz	45 / 60 Hz	Soh Sinus	750 Watt	22,7 Amp	0 ~ 30	
TRX-10000K	48 V - DC 10 Kw	185 - 240 V	210 - 235 V	40 / 60 Hz	45 / 60 Hz	Soh Sinus	1000 Watt	45,4 Amp	0 ~ 40	
TRX-18K	48 V - DC 18 Kw	185 - 240 V	210 - 235 V	40 / 60 Hz	45 / 60 Hz	Soh Sinus	2000 Watt	81,8 Amp	0 ~ 80	

We reserve the right to make changes.

45 / 60 Hertz

New **Modified Specific Output Hertz** Tecnology

210 / 235 Volt



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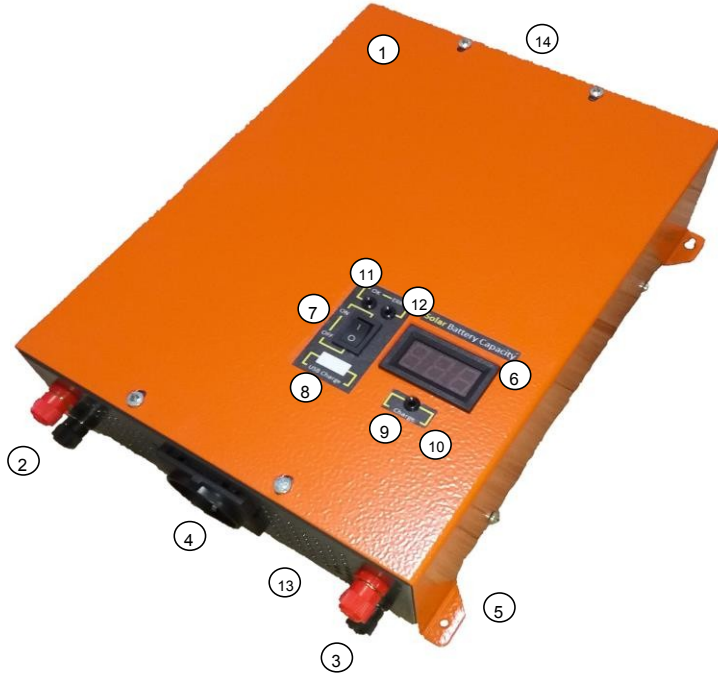
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48 Volt Inverter User Manuel Guide



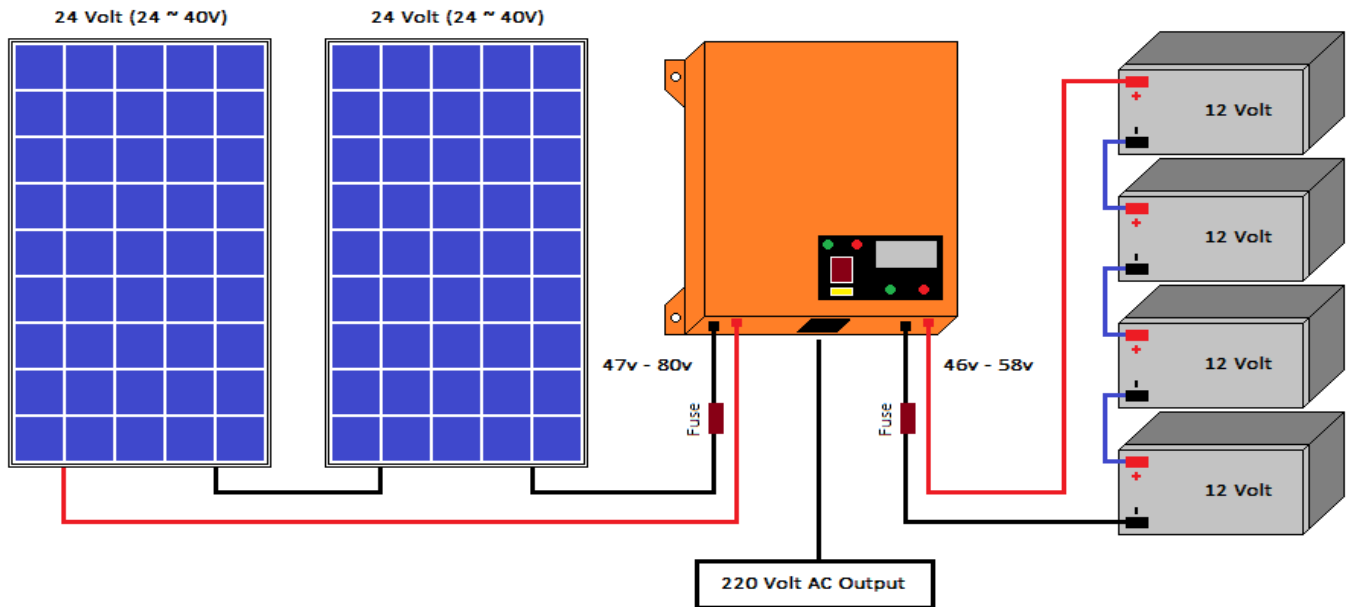
- 1 Sturdy and steel body
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- 4 220 Volt Output (AC)
- 5 Screw port
- 6 Led data screen DC Battery-Pv Volt
- 7 Inverter On / Of button
- 8 Usb Charger (Usb Data Optional)
- 9 Solar charge led indicator
- 10 Battery status led indicator
- 11 Inverter on indicator
- 12 Inverter error indicator
- 13 Cold air intake
- 14 Hot air out

We reserve the right to make changes.

48 Volt Connection Table

Secondly connect the solar panel

First connect the battery



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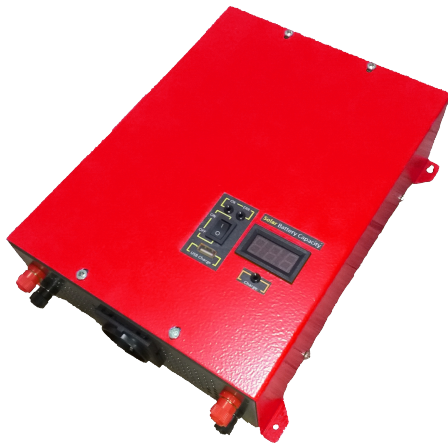
96 - 380 Volt 220-280 Volt Tecndal Data

Red Pro Series

96-380 V

Kod	Models	Watt	Input BAT	Input PV	Solar CHR	Frequency	Output AC	AC Charge	AC CHR	Shock+
TRX-5000K	96 V - DC 5000 W	80.5 V - 100 V	80.5 V - 110 V	90 Amp	45 / 60 Hz	220 V +/- 4	Yes	20 Amp	2%	
TRX-10000KP	96 V - DC 10 KW	80.5 V - 100 V	80.5 V - 110 V	120 Amp	45 / 60 Hz	220 V +/- 4	Yes	30 Amp	2%	
TRX-20000K	380 V - DC 20 KW	300 V - 390 V	350 V - 550 V	120 Amp	45 / 60 Hz	380 V +/- 4	Yes	30 Amp	5%	
TRX-35000KP	380 V - DC 35 KW	300 V - 390 V	350 V - 650 V	150 Amp	45 / 60 Hz	380 V +/- 4	Yes	50 Amp	8%	
TRX-50000K	380 V - DC 50 KW	300 V - 390 V	350 V - 650 V	200 Amp	45 / 60 Hz	380 V +/- 4	Yes	40 Amp	10%	
TRX-100KW	380 V - DC 100 KW	360 V - 420 V	380 V - 900 V	400 Amp	45 / 60 Hz	380 V +/- 4	Yes	80 Amp	15%	

We reserve the right to make changes.



Inverter Pv Connect "Solar Input"

Inverter Watt	Max. Pv W	Pv Models	Chr.Tips	String In	Shock+
TRX-5000K	7500 Watt	Poly/Mono/Amorf/Ciss	Mppt	2	2%
TRX-10000KP	14500 Watt	Poly/Mono/Amorf/Ciss	Mppt	2	2%
TRX-20000K	25000 Watt	Poly/Mono/Amorf/Ciss	Mppt	3	5%
TRX-35000KP	50000 Watt	Poly/Mono/Amorf/Ciss	Mppt	4	8%
TRX-50000K	65000 Watt	Poly/Mono/Amorf/Ciss	Mppt	6	10%
TRX-100KW	120000 Watt	Poly/Mono/Amorf/Ciss	Mppt	8	15%

We reserve the right to make changes.

Inverter AC Input & Output Data

96-380 V

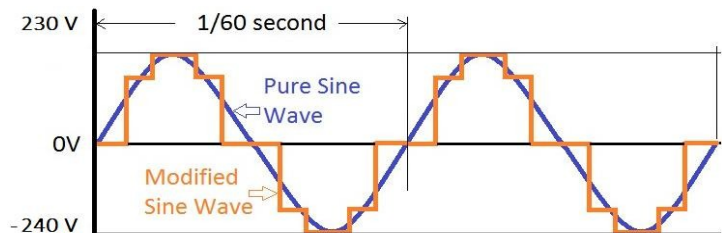
Kod	Models	Watt	Ac In	Ac Out	In Hertz	Out Hertz	Wave	AC Charge	Out Amp	In Amp
TRX-5000K	96 V - DC 5000 W	185 - 240 V	210 - 235 V	40 / 60 Hz	45 / 60 Hz	Soh Sinus	2500 Watt	22,7 Amp	0 ~ 20	
TRX-10000KP	96 V - DC 10000 W	185 - 240 V	210 - 235 V	40 / 60 Hz	45 / 60 Hz	Soh Sinus	5000 Watt	45,4 Amp	0 ~ 30	
TRX-20000K	380 V - DC 20000 W	300 - 450 V	340 - 420 V	40 / 60 Hz	45 / 60 Hz	Soh Sinus	10000 Watt	52,6 Amp	0 ~ 20	
TRX-35000KP	380 V - DC 35000 W	300 - 450 V	340 - 420 V	40 / 60 Hz	45 / 60 Hz	Soh Sinus	17500 Watt	92.1 Amp	0 ~ 30	
TRX-50000K	380 V - DC 50 KW	300 - 450 V	340 - 420 V	40 / 60 Hz	45 / 60 Hz	Soh Sinus	25000 Watt	131 Amp	0 ~ 40	
TRX-100KW	380 V - DC 100 KW	300 - 450 V	340 - 420 V	40 / 60 Hz	45 / 60 Hz	Soh Sinus	35000 Watt	263 Amp	0 ~ 80	

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45 / 60 Hertz

New **Modified Specific Output Hertz** Tecnology

210 / 235 Volt



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Order Notes

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