MINELAB

Minelab Electronics
Pty. Limited
ABN 35 008 208 446
2 Second Avenue
Mawson Lakes SA 5095
Australia

PO BOX 35
Salisbury South SA 5106
Australia

Technical information – Charging

These consumer electrical products accept an input voltage not exceeding 264VAC, these products are not intended for use with lighting controllers.

Part Number	Description	Comment	Description of use
0302-0076 (3011-0203) / FRA-024-S24-I	Plug Pack, Mains Li-ion Battery	Input voltage: 100-240VAC Output voltage: 24VDC	This electrical device converts alternating current (AC) from a wall outlet into direct current (DC) to supply the connected device. This AC adapter is used for charging a Minelab GPX 5000 Metal Detector battery pack.
0302-0091 (3011-0339) / XY12S-1201000Q-UZ	PLUG PACK MAINS UNI-HEAD 12V 1A 2.1MM	Input voltage: 100-240VAC Output voltage: 12VDC	The electrical device that converts alternating current (AC) from a wall outlet into direct current (DC) to supply the connected device. This AC adapter is used for charging a Minelab Gold Monster 1000 metal detector battery pack.
0302-0097 (3011-0407) / U411	Charger, 4xAA, USB	Input voltage: 5VDC Output voltage: 2.8VDC	This **USB powered** electrical device is used for charging AA Ni-MH batteries. This USB charger is used for charging batteries for the Minelab Vanquish series metal detector.
3011-0128 (78-16052) / FRA030E-S18-I	Kit, Acc. BC 10 Charger Station Only	Input voltage: 90-264VAC Output voltage: 18VDC	This electrical device converts alternating current (AC) from a wall outlet into direct current (DC) to supply the connected device. This AC adapter powers a battery charger used for charging Minelab GPZ 7000 Metal Detector batteries.
4523-0048 (3011-0368)	Cable Assy USB to Mag Connector	Input voltage: 5VDC Output voltage: 5VDC	This is a custom **USB cable**. It has a USB type-A connector on one end and a custom magnetic connector on the other. It is used for charging the batteries on a Minelab Equinox series Metal Detector.
78-0302-0001 (3011-0239)	Charger, Battery 110V - 12V	Input voltage: 110VAC Output voltage: 14.3VDC	The electrical device that converts alternating current (AC) from a wall outlet into direct current (DC) to supply the connected device.

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			This AC adapter is used for charging a Minelab Excalibur II Metal Detector battery pack.
78-16052 (3011-0243) / FRA030E-S18-I	Plug Pack, Mains	Input voltage: 90-264VAC Output voltage: 18VDC	This electrical device converts alternating current (AC) from a wall outlet into direct current (DC) to supply the connected device. This AC adapter powers a battery charger used for charging Minelab CTX3030 Metal Detector batteries.

Sincerely,

COMMON SEAL
MINELAB ELECTRONICS PTY LIMITED
A.C.N. 008 208 446

Charles Edwards	Position: Compliance Officer, Engineering	Date: 26 February 2025

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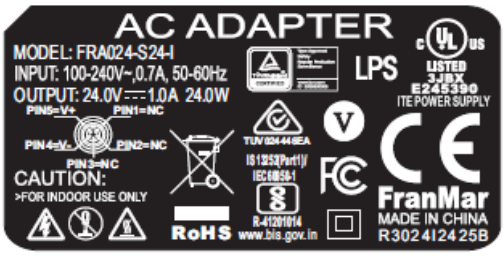
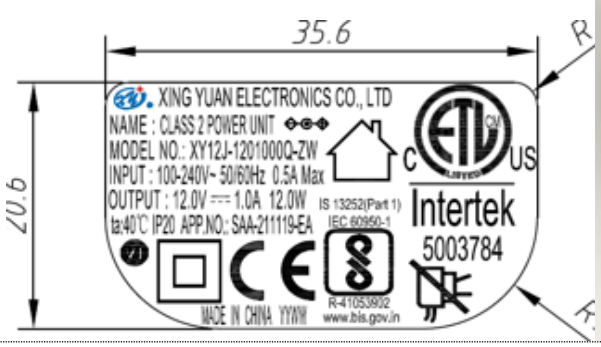
Appendix 1

Part Number	Picture / Image
0302-0076	 General Description: GPX 5000 Metal Detector: https://www.minelab.com/metal-detectors/gpx-5000 Technical Specifications: GPX 5000 - Detectores User's Manual: Instruction Manual GPX 4800-5000 SPANISH (4901-0098-2).pdf Starting Guide: GPX 5000 Quick Start Guide EN ES PT PL.pdf Brochure: USA-GPX 4800 5000-Brochure-SPANISH-LoRes.pdf
0302-0091	

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	General Description: Gold Monster 1000 Metal Detector: https://www.minelab.com/metal-detectors/gold-monster-1000 Technical Specifications: GOLD MONSTER 1000 - Detectores Starting Guide: 4901-0244-4 GSG, Gold Monster 1000 ES, RU, ZH, MN_WEB.pdf Brochure: 4907-0887-1 Brochure, GOLD MONSTER 1000 A4 2p GM_LATAM_ES_WEB.pdf
0302-0097	 General Description: Vanquish series Metal Detector: https://www.minelab.com/metal-detectors/vanquish-540 Technical Specifications: VANQUISH 540 - Detectores User's Manual: 4901-0366-1 Inst. Manual, VANQUISH 440 540 ES_WEB.pdf Starting Guide: VANQUISH 440 540 Getting Started Guide ES.pdf Brochure: 4907-1029-1 Vanquish Brochure_Foldable_SP_WEB.pdf

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3011-0128

- Universal Input, Wall mount style
- Interchangeable plug available (kit sold separately)
- Single output 30W, Anywhere output voltage 11~50VDC
- Meets CEC level V or IV

SPECIFICATIONS

Input Voltage Range.....90~264VAC
Input Current (rms).....0. 7A Max.
Efficiency..... 80% type. at full load
(Avg. Eff.) Fit requirement for CEC Models
Output Voltage.....(anywhere output voltage).....11~50VDC
Voltage Regulation..... ± 5% max.
Max. Power.....30W

Model Number	Output Voltage (VDC)	Output Current (A)	Output Max. Watts	CEC*
FRA030E-S12-x	11~13	2.73~2.3	30W	V
FRA030E-S15-x	13~16	2.3~1.87	30W	V
FRA030E-S18-x	16~21	1.87~1.43	30W	V
FRA030E-S24-x	21~27	1.43~1.11	30W	V
FRA030E-S30-x	27~33	1.11~0.91	30W	IV

General Description: GPZ 7000 Metal Detector: https://www.minelab.com/metal-detectors/gpz-7000

Technical Specifications: GPZ 7000 - Detectores

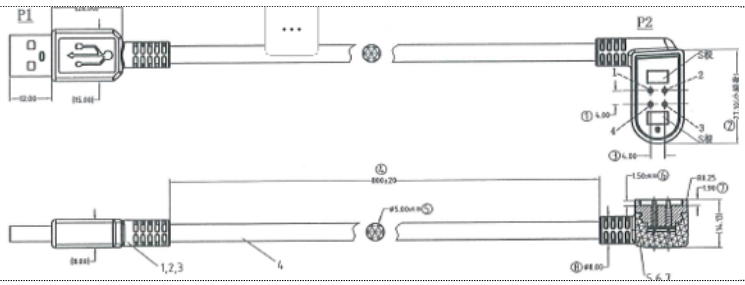
User's Manual: 4901-0178-3 Inst Manual GPZ 7000 ES_WEB.pdf

Starting Guide: Field Guide_GPZ 7000 GB Ferrite_ES_WEB.pdf

Brochure: 4907-0943-1 Brochure, GPZ 7000 Software Upgrade No.2_ES_WEB.pdf

4523-0048

<接触弹力：70g±20g在1.0mm的工作行程>
.Full stroke: 1.40mm
<最大行程：1.40mm>
.Life test: 50,000 cycles
<寿命：50,000次>
Electrical:<电气性能>
.Rated voltage & current : DC 12V, 2A Max.
<额定电压，电流：DC 12V, 2A>
.Contact resistance: 50 milliohm Max.
<接触阻抗：50 milliohm Max.>
.When the current is more than 1A, then need to add a delay circuit(3 second)
<当电流大于1A时，则需要增加延时电路(3秒)>
.100% open & short test.
<100%导通，短路测试>
.The product must be checked for use by male and female .
<产品必须做公母对接使用检验>
.RoHS TSCA compliant product
<符合RoHS,TSCA产品要求>



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	 General Description: Equinox series Metal Detector: https://www.minelab.com/metal-detectors/equinox-800 Technical Specifications: EQUINOX 800 - Detectores User's Guide: 4901-0273-1 Inst. Manual, EQUINOX 600 800 ES.pdf Starting Guide: 4901-0260-2 GSG, EQUINOX 600 800 ES WEB.pdf Brochure: 4907-0985-1 Brochure, EQUINOX Series A4 4p-ES_WEB.pdf
78-0302-0001	 General Description: Excalibur II Metal Detector: https://www.minelab.com/metal-detectors/excalibur-ii Technical Specifications: Excalibur II - Detectores

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User's Guide: [4901-0064-7 Instruction Manual Excalibur II WEB.pdf]

Starting Guide: [4901-0382-1 GSG, Excalibur II ES_WEB.pdf]

Brochure: [4907-0917-1 Brochure, Excalibur II 2P US Letter Spanish WEB.pdf]

78-16052

- Universal Input, Wall mount style
- Interchangeable plug available (kit sold separately)
- Single output 30W, Anywhere output voltage 11~50VDC
- Meets CEC level V or IV

SPECIFICATIONS

Input Voltage Range.....90~264VAC
Input Current (rms).....0. 7A Max.
Efficiency..... 80% type. at full load
(Avg. Eff.) Fit requirement for CEC Models
Output Voltage.....(anywhere output voltage).....11~50VDC
Voltage Regulation..... ± 5% max.
Max. Power.....30W

Model Number	Output Voltage (VDC)	Output Current (A)	Output Max. Watts	CEC*
FRA030E-S12-x	11~13	2.73~2.3	30W	V
FRA030E-S15-x	13~16	2.3~1.87	30W	V
FRA030E-S18-x	16~21	1.87~1.43	30W	V
FRA030E-S24-x	21~27	1.43~1.11	30W	V
FRA030E-S30-x	27~33	1.11~0.91	30W	IV

General Description: CTX 3030 Metal Detector: https://www.minelab.com/metal-detectors/ctx-3030

Technical Specifications: CTX 3030 - Detectores

User's Guide: [4901-0120-4 Inst Manual, CTX 3030 ES.pdf]

Starting Guide: [4901-0105-3 GSG CTX 3030 WEB.pdf]

Brochure: [4907-0509-6 Brochure, CTX 3030 4P US Letter English WEB.pdf]

This information can be found at: www.minelab.com/compliance/mexico