Australian Standard®

Arc welding equipment

Part 1: Welding power sources (IEC 60974-1:2000, MOD)



This Australian Standard® was prepared by Committee EL-019, Electrical Welding Plant. It was approved on behalf of the Council of Standards Australia on 19 July 2006. This Standard was published on 25 August 2006.

The following are represented on Committee EL-019:

- Australian Chamber of Commerce and Industry
- Australian Industry Group
- Australian Manufacturing Workers Union
- Electrical Regulatory Authorities Council
- Welding Technology Institute of Australia

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Arc welding equipment

Part 1: Welding power sources (IEC 60974-1:2000, MOD)

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AS 1966.2—1985.
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PREFACE

This Standard was prepared by Standards Australia Committee EL-019, Electrical Welding Plant, to supersede AS 1966.1—1985, *Electric arc welding power sources—Transformer type*, AS 1966.2—1985, *Electric arc welding power sources—Rotary type* and AS 1966.3—1990, *Electric arc welding power sources—Plasma arc cutting and welding types*.

The objective of this Standard is to specify requirements for arc welding power sources designed for professional and industrial use.

This Standard is an adoption with national modifications and has been reproduced from IEC 60974-1:2000, *Arc welding equipment*, Part 1: *Welding power sources*, including its Amendment 2:2003, and has been varied as indicated to take account of Australian conditions.

Variations to IEC 60974-1:2000 are indicated at the appropriate places throughout this Standard. Strikethrough (example) identifies IEC text, tables and figures which, for the purposes of this Standard, are deleted. Where text, tables or figures are added, each is set in its proper place and identified by shading (example). Added figures are not themselves shaded, but are identified by a shaded border.

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The term 'informative' is used to define the application of the annex to which it applies. An informative annex is only for information and guidance.

CONTENTS

2 Normative references 1 3 Definitions 2 4 Environmental conditions 9 5 Test conditions 10 5.1 Type tests 10 6 Protection against electric shock 11 6.1 Insulation 11 6.2 Protection against electric shock in normal service (direct contact) 16 6.3 Protection against electric shock in case of a fault condition (indirect contact) 17 7 Thermal requirements 20 7.1 Heating test 20 7.2 Temperature measurement 21 7.3 Limits of temperature rise 22 7.4 Loading test 23 7.5 Commutators and slip-rings 24 8 Abnormal operation 24 8.1 Stalled fan 25 8.2 Short circuit 25 8.3 Overload 25 9 Thermal protection 26 9.1 Co				Page			
30 Definitions 2 4 Environmental conditions 9 5 Test conditions 10 5.1 Type tests 10 6 Protection against electric shock 11 6.1 Insulation 11 6.2 Protection against electric shock in normal service (direct contact) 16 6.3 Protection against electric shock in case of a fault condition (indirect contact) 17 7 Thermal requirements 20 7.1 Heating test 20 7.2 Temperature measurement 21 7.3 Limits of temperature rise 22 7.4 Loading test 23 7.5 Commutators and slip-rings 24 8 Abnormal operation 24 8.1 Stalled fan 25 8.2 Short circuit 25 8.3 Overload 25 8.1 Control 26 9.2 Location 26 9.3 Operating capacity 26 9.4 Resetting 26	1	Scop	e	1			
4 Environmental conditions 9 5 Test conditions 10 5.1 Type tests 10 5.2 Routine tests 11 6 Protection against electric shock 11 6.1 Insulation 11 6.2 Protection against electric shock in normal service (direct contact) 16 6.3 Protection against electric shock in case of a fault condition (indirect contact) 17 7 Thermal requirements 20 7.1 Heating test 20 7.2 Temperature measurement 21 7.3 Limits of temperature rise 22 7.4 Loading test 23 7.5 Commutators and slip-rings 24 8 Abnormal operation 24 8.1 Stalled fan 25 8.2 Short circuit 25 8.3 Soverload 25 9.1 Construction 26 9.2 Location 26 9.3 Operating capacity 26 9.5 Operating capacity <td< td=""><td>2</td><td colspan="5">·</td></td<>	2	·					
5 Test conditions 10 5.1 Type tests 10 5.2 Routine tests 11 6 Protection against electric shock 11 6.1 Insulation 11 6.2 Protection against electric shock in normal service (direct contact) 16 6.3 Protection against electric shock in case of a fault condition (indirect contact) 17 7 Thermal requirements 20 7.1 Heating test 20 7.2 Temperature measurement 21 7.3 Limits of temperature rise 22 7.4 Loading test 23 7.5 Commutators and slip-rings 24 8 Abnormal operation 24 8.1 Stalled fan 25 8.2 Short circuit 25 8.3 Overload 25 9.1 Construction 26 9.2 Location 26 9.2 Location 26 9.4 Resetting	3						
5.1 Type tests. 10 5.2 Routine tests. 11 6 Protection against electric shock. 11 6.1 Insulation 11 6.2 Protection against electric shock in normal service (direct contact) 16 6.3 Protection against electric shock in case of a fault condition (indirect contact) 17 7 Thermal requirements 20 7.1 Heating test 20 7.2 Temperature measurement 21 7.3 Limits of temperature rise 22 7.4 Loading test 23 7.5 Commutators and slip-rings 24 8 Abnormal operation 24 8.1 Stalled fan 25 8.2 Short circuit 25 8.3 Overload 25 9.1 Tonstruction 26 9.2 Location 26 9.3 Operating protection 26 9.4 Resetting 26 9.5 Operating capacity 26 9.6 Indication 27	4						
5.1 Type tests. 10 5.2 Routine tests. 11 6 Protection against electric shock. 11 6.1 Insulation 11 6.2 Protection against electric shock in normal service (direct contact) 16 6.3 Protection against electric shock in case of a fault condition (indirect contact) 17 7 Thermal requirements 20 7.1 Heating test 20 7.2 Temperature measurement 21 7.3 Limits of temperature rise 22 7.4 Loading test 23 7.5 Commutators and slip-rings 24 8 Abnormal operation 24 8.1 Stalled fan 25 8.2 Short circuit 25 8.3 Overload 25 9.1 Tonstruction 26 9.2 Location 26 9.3 Operating protection 26 9.4 Resetting 26 9.5 Operating capacity 26 9.6 Indication 27	5	Test	conditions	10			
5.2 Routine tests. 11 6 Protection against electric shock. 11 6.1 Insulation. 11 6.2 Protection against electric shock in normal service (direct contact). 16 6.3 Protection against electric shock in case of a fault condition (indirect contact). 17 7 Thermal requirements. 20 7.1 Heating test. 20 7.2 Temperature measurement 21 7.3 Limits of temperature rise. 22 7.4 Loading test. 23 7.5 Commutators and slip-rings 24 8 Abnormal operation 24 8.1 Stalled fan 25 8.2 Short circuit 25 8.2 Short circuit 25 8.3 Overload 25 9.1 Construction 26 9.1 Construction 26 9.2 Location 26 9.3 Operation 26 9.4 Resetting 26 9.5 Operation 27							
6 Protection against electric shock. 11 6.1 Insulation 11 6.2 Protection against electric shock in normal service (direct contact) 16 6.3 Protection against electric shock in case of a fault condition (indirect contact) 17 7 Thermal requirements 20 7.1 Heating test 20 7.2 Temperature measurement 21 7.3 Limits of temperature rise 22 7.4 Loading test 23 7.5 Commutators and slip-rings 24 8 Abnormal operation 24 8.1 Stalled fan 25 8.2 Short circuit 25 8.3 Overload 25 9.1 Construction 26 9.1 Construction 26 9.2 Location 26 9.3 Operation 26 9.4 Resetting 26 9.5 Operation to the input supply 26 9.5 Operation to the input supply 27 10.1 Supply voltage		5.2	••				
6.1 Insulation 11 6.2 Protection against electric shock in normal service (direct contact) 16 6.3 Protection against electric shock in case of a fault condition (indirect contact) 17 7 Thermal requirements 20 7.1 Heating test 20 7.2 Temperature measurement 21 7.3 Limits of temperature rise 22 7.4 Loading test 23 7.5 Commutators and slip-rings 24 8 Abnormal operation 24 8.1 Stalled fan 25 8.2 Short circuit 25 8.3 Overload 25 9.1 Construction 26 9.2 Location 26 9.1 Construction 26 9.2 Location 26 9.3 Operation 26 9.4 Resetting 26 9.5 Operating capacity 26 9.5 Operation to the input supply 27 10.1 Supply voltage 27 <t< td=""><td>6</td><td>Prote</td><td></td><td></td></t<>	6	Prote					
6.2 Protection against electric shock in normal service (direct contact) 16 6.3 Protection against electric shock in case of a fault condition (indirect contact) 17 7 Thermal requirements 20 7.1 Heating test 20 7.2 Temperature measurement 21 7.3 Limits of temperature rise 22 7.4 Loading test 23 7.5 Commutators and slip-rings 24 8.1 Stalled fan 25 8.2 Short circuit 25 8.3 Overload 25 9.1 Construction 26 9.2 Location 26 9.2 Location 26 9.3 Operating 26 9.4 Resetting 26 9.5 Operating capacity 26 9.6 Indication 27 10 Connection to the input supply 27 10.1 Supply voltage 27 10.2 Power supply 27 10.3 Means of connection 28			•				
6.3 Protection against electric shock in case of a fault condition (indirect contact) 17 7 Thermal requirements 20 7.1 Heating test 20 7.2 Temperature measurement 21 7.3 Limits of temperature rise 22 7.4 Loading test 23 7.5 Commutators and slip-rings 24 8 Abnormal operation 24 8.1 Stalled fan 25 8.2 Short circuit 25 8.3 Overload 25 8.1 Overload 25 9.1 Construction 26 9.1 Construction 26 9.2 Location 26 9.3 Operation 26 9.4 Resettling 26 9.5 Operation capacity 26 9.5 Operating capacity 26 9.5 Operating capacity 26 9.5 Operating capacity 26 9.6 Indication 27 10. Supply voltage		6.2	Protection against electric shock in normal service (direct contact)	16			
7 Thermal requirements 20 7.1 Heating test 20 7.2 Temperature measurement 21 7.3 Limits of temperature rise 22 7.4 Loading test 23 7.5 Commutators and slip-rings 24 8 Abnormal operation 24 8.1 Stalled fan 25 8.2 Short circuit 25 8.3 Overload 25 9 Thermal protection 26 9.1 Construction 26 9.2 Location 26 9.3 Operation 26 9.4 Resetting 26 9.5 Operating capacity 26 9.6 Indication 27 10 Connection to the input supply 27 10.1 Supply voltage 27 10.2 Power supply 27 10.3 Means of connection 28 10.4 Input supply terminals 28 10.5 Cable anchorage 29 10.6 Inlet openings 30 10.7 Input supply coupling device (attachment plug) 32 10.9 Supply coupling device (attachment plug) 32 11.1 Rated no-load voltage (U ₀) 32			· · · · · · · · · · · · · · · · · · ·				
7.1 Heating test 20 7.2 Temperature measurement 21 7.3 Limits of temperature rise 22 7.4 Loading test 23 7.5 Commutators and slip-rings 24 8 Abnormal operation 24 8.1 Stalled fan 25 8.2 Short circuit 25 8.3 Overload 25 9 Thermal protection 26 9.1 Construction 26 9.2 Location 26 9.3 Operation 26 9.4 Resetting 26 9.5 Operation capacity 26 9.6 Indication 27 10.1 Supply voltage 27 10.2 Power supply 27 10.3 Means of connection 28 10.4 Input supply terminals 28 10.5 Cable anchorage 29 10.6 Inlet openings 30 10.7 Input supply on/off switching device 31 10.8 Supply cables 32 10.9 Supply coupling device (attachment plug) 32 11.1 Rated no-load voltage (U ₀) 32 11.2 Type test values of the conventional load voltage 35	7	·					
7.2 Temperature measurement 21 7.3 Limits of temperature rise 22 7.4 Loading test 23 7.5 Commutators and slip-rings 24 8 Abnormal operation 24 8.1 Stalled fan 25 8.2 Short circuit 25 8.3 Overload 25 9 Thermal protection 26 9.1 Construction 26 9.2 Location 26 9.3 Operation 26 9.4 Resetting 26 9.5 Operating capacity 26 9.6 Indication 27 10 Connection to the input supply 27 10.1 Supply voltage 27 10.2 Power supply 27 10.3 Means of connection 28 10.4 Input supply terminals 28 10.5 Cable anchorage 29 10.6 Inlet openings 30 10.7 Input supply on/off switching device 31 10.8 Supply cables 32 10.9 Supply coupling device (attachment plug) 32 11.1 Rated no-load voltage (U ₀) 32 11.2 Type test values of the conventional load voltage			·				
7.3 Limits of temperature rise 22 7.4 Loading test 23 7.5 Commutators and slip-rings 24 8 Abnormal operation 24 8.1 Stalled fan 25 8.2 Short circuit 25 8.3 Overload 25 9.1 Construction 26 9.1 Construction 26 9.2 Location 26 9.3 Operation 26 9.4 Resetting 26 9.5 Operating capacity 26 9.6 Indication 27 10.1 Supply voltage 27 10.2 Power supply 27 10.3 Means of connection 28 10.4 Input supply terminals 28 10.5 Cable anchorage 29 10.6 Inlet openings 30 10.7 Input supply coupling device (attachment plug) 32 10.9 Supply cables 32 10.9 Supply coupling device (attachment plug) 32							
7.4 Loading test 23 7.5 Commutators and slip-rings 24 8 Abnormal operation 24 8.1 Stalled fan 25 8.2 Short circuit 25 8.3 Overload 25 9 Thermal protection 26 9.1 Construction 26 9.2 Location 26 9.3 Operation 26 9.4 Resetting 26 9.5 Operating capacity 26 9.6 Indication 27 10 Connection to the input supply 27 10.1 Supply voltage 27 10.2 Power supply 27 10.3 Means of connection 28 10.4 Input supply terminals 28 10.5 Cable anchorage 29 10.6 Inlet openings 30 10.7 Input supply on/off switching device 31 10.8 Supply cables 32 10.9 Supply coupling device (attachment plug) 32 <td></td> <td></td> <td>•</td> <td></td>			•				
7.5 Commutators and slip-rings 24 8 Abnormal operation 24 8.1 Stalled fan 25 8.2 Short circuit 25 8.3 Overload 25 9 Thermal protection 26 9.1 Construction 26 9.2 Location 26 9.3 Operation 26 9.4 Resetting 26 9.5 Operating capacity 26 9.6 Indication 27 10 Connection to the input supply 27 10.1 Supply voltage 27 10.2 Power supply 27 10.3 Means of connection 28 10.4 Input supply terminals 28 10.5 Cable anchorage 29 10.6 Inlet openings 30 10.7 Input supply onloff switching device 31 10.8 Supply coupling device (attachment plug) 32 10.9 Supply coupling device (attachment plug) 32 11.1 Rated			·				
8 Abnormal operation 24 8.1 Stalled fan 25 8.2 Short circuit 25 8.3 Overload 25 9 Thermal protection 26 9.1 Construction 26 9.2 Location 26 9.3 Operation 26 9.4 Resetting 26 9.5 Operating capacity 26 9.6 Indication 27 10 Connection to the input supply 27 10.1 Supply voltage 27 10.2 Power supply 27 10.3 Means of connection 28 10.4 Input supply terminals 28 10.5 Cable anchorage 29 10.6 Inlet openings 30 10.7 Input supply on/off switching device 31 10.8 Supply cables 32 10.9 Supply coupling device (attachment plug) 32 11.1 Rated no-load voltage (U ₀) 32 11.2 Type test values of the conve			5				
8.1 Stalled fan 25 8.2 Short circuit 25 8.3 Overload 25 9 Thermal protection 26 9.1 Construction 26 9.2 Location 26 9.3 Operation 26 9.4 Resetting 26 9.5 Operating capacity 26 9.6 Indication 27 10 Connection to the input supply 27 10.1 Supply voltage 27 10.2 Power supply 27 10.3 Means of connection 28 10.4 Input supply terminals 28 10.5 Cable anchorage 29 10.6 Inlet openings 30 10.7 Input supply on/off switching device 31 10.8 Supply cables 32 10.9 Supply coupling device (attachment plug) 32 11.1 Rated no-load voltage (U ₀) 32 11.2 Type test values of the conventional load voltage 35 11.3	8						
8.2 Short circuit 25 8.3 Overload 25 9 Thermal protection 26 9.1 Construction 26 9.2 Location 26 9.3 Operation 26 9.4 Resetting 26 9.5 Operating capacity 26 9.6 Indication 27 10 Connection to the input supply 27 10.1 Supply voltage 27 10.2 Power supply 27 10.3 Means of connection 28 10.4 Input supply terminals 28 10.5 Cable anchorage 29 10.6 Inlet openings 30 10.7 Input supply on/off switching device 31 10.8 Supply cables 32 10.9 Supply coupling device (attachment plug) 32 11.1 Rated no-load voltage (U ₀) 32 11.2 Type test values of the conventional load voltage 35 11.3 Mechanical switching devices used to adjust output 36			•				
8.3 Overload 25 9 Thermal protection 26 9.1 Construction 26 9.2 Location 26 9.3 Operation 26 9.4 Resetting 26 9.5 Operating capacity 26 9.6 Indication 27 10. Supply voltage 27 10.1 Supply voltage 27 10.2 Power supply 27 10.3 Means of connection 28 10.4 Input supply terminals 28 10.5 Cable anchorage 29 10.6 Inlet openings 30 10.7 Input supply on/off switching device 31 10.8 Supply cables 32 10.9 Supply coupling device (attachment plug) 32 11.1 Rated no-load voltage (U ₀) 32 11.2 Type test values of the conventional load voltage 35 11.3 Mechanical switching devices used to adjust output 36 11.4 Output connections 36							
9 Thermal protection 26 9.1 Construction 26 9.2 Location 26 9.3 Operation 26 9.4 Resetting 26 9.5 Operating capacity 26 9.6 Indication 27 10 Connection to the input supply 27 10.1 Supply voltage 27 10.2 Power supply 27 10.3 Means of connection 28 10.4 Input supply terminals 28 10.5 Cable anchorage 29 10.6 Inlet openings 30 10.7 Input supply on/off switching device 31 10.8 Supply cables 32 10.9 Supply coupling device (attachment plug) 32 11.1 Rated no-load voltage (U ₀) 32 11.2 Type test values of the conventional load voltage 35 11.3 Mechanical switching devices used to adjust output 36 11.4 Output connections 36 11.5 Power supply to external devices 37							
9.1Construction269.2Location269.3Operation269.4Resetting269.5Operating capacity269.6Indication2710Connection to the input supply2710.1Supply voltage2710.2Power supply2710.3Means of connection2810.4Input supply terminals2810.5Cable anchorage2910.6Inlet openings3010.7Input supply on/off switching device3110.8Supply cables3210.9Supply coupling device (attachment plug)3211Rated no-load voltage (U_0)3211.1Rated no-load voltage (U_0)3211.2Type test values of the conventional load voltage3511.3Mechanical switching devices used to adjust output3611.4Output connections3611.5Power supply to external devices37	9						
9.2 Location269.3 Operation269.4 Resetting269.5 Operating capacity269.6 Indication2710 Connection to the input supply2710.1 Supply voltage2710.2 Power supply2710.3 Means of connection2810.4 Input supply terminals2810.5 Cable anchorage2910.6 Inlet openings3010.7 Input supply on/off switching device3110.8 Supply cables3210.9 Supply coupling device (attachment plug)3211 Qutput3211.1 Rated no-load voltage (U_0)3211.2 Type test values of the conventional load voltage3511.3 Mechanical switching devices used to adjust output3611.4 Output connections3611.5 Power supply to external devices37			·				
9.3Operation.269.4Resetting.269.5Operating capacity.269.6Indication.2710Connection to the input supply.2710.1Supply voltage.2710.2Power supply.2710.3Means of connection.2810.4Input supply terminals.2810.5Cable anchorage.2910.6Inlet openings.3010.7Input supply on/off switching device.3110.8Supply cables.3210.9Supply coupling device (attachment plug).3211Rated no-load voltage (U_0).3211.1Rated no-load voltage (U_0).3211.2Type test values of the conventional load voltage.3511.3Mechanical switching devices used to adjust output.3611.4Output connections.3611.5Power supply to external devices.37							
9.4Resetting269.5Operating capacity269.6Indication2710Connection to the input supply2710.1Supply voltage2710.2Power supply2710.3Means of connection2810.4Input supply terminals2810.5Cable anchorage2910.6Inlet openings3010.7Input supply on/off switching device3110.8Supply cables3210.9Supply coupling device (attachment plug)3211Output3211.1Rated no-load voltage (U_0)3211.2Type test values of the conventional load voltage3511.3Mechanical switching devices used to adjust output3611.4Output connections3611.5Power supply to external devices37							
9.5Operating capacity269.6Indication2710Connection to the input supply2710.1Supply voltage2710.2Power supply2710.3Means of connection2810.4Input supply terminals2810.5Cable anchorage2910.6Inlet openings3010.7Input supply on/off switching device3110.8Supply cables3210.9Supply coupling device (attachment plug)3211Output3211.1Rated no-load voltage (U_0)3211.2Type test values of the conventional load voltage3511.3Mechanical switching devices used to adjust output3611.4Output connections3611.5Power supply to external devices37			•				
9.6Indication2710Connection to the input supply2710.1Supply voltage2710.2Power supply2710.3Means of connection2810.4Input supply terminals2810.5Cable anchorage2910.6Inlet openings3010.7Input supply on/off switching device3110.8Supply cables3210.9Supply coupling device (attachment plug)3211Output3211.1Rated no-load voltage (U_0) 3211.2Type test values of the conventional load voltage3511.3Mechanical switching devices used to adjust output3611.4Output connections3611.5Power supply to external devices37			-				
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$\begin{array}{cccccccccccccccccccccccccccccccccccc$	10						
10.2 Power supply2710.3 Means of connection2810.4 Input supply terminals2810.5 Cable anchorage2910.6 Inlet openings3010.7 Input supply on/off switching device3110.8 Supply cables3210.9 Supply coupling device (attachment plug)3211 Output3211.1 Rated no-load voltage (U_0) 3211.2 Type test values of the conventional load voltage3511.3 Mechanical switching devices used to adjust output3611.4 Output connections3611.5 Power supply to external devices37	10						
10.3 Means of connection2810.4 Input supply terminals2810.5 Cable anchorage2910.6 Inlet openings3010.7 Input supply on/off switching device3110.8 Supply cables3210.9 Supply coupling device (attachment plug)3211 Output3211.1 Rated no-load voltage (U_0) 3211.2 Type test values of the conventional load voltage3511.3 Mechanical switching devices used to adjust output3611.4 Output connections3611.5 Power supply to external devices37							
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$\begin{array}{cccccccccccccccccccccccccccccccccccc$							
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10.7 Input supply on/off switching device3110.8 Supply cables3210.9 Supply coupling device (attachment plug)3211 Output3211.1 Rated no-load voltage (U_0) 3211.2 Type test values of the conventional load voltage3511.3 Mechanical switching devices used to adjust output3611.4 Output connections3611.5 Power supply to external devices37			•				
10.8 Supply cables3210.9 Supply coupling device (attachment plug)3211 Output3211.1 Rated no-load voltage (U_0) 3211.2 Type test values of the conventional load voltage3511.3 Mechanical switching devices used to adjust output3611.4 Output connections3611.5 Power supply to external devices37							
10.9 Supply coupling device (attachment plug)3211 Output3211.1 Rated no-load voltage (U_0) 3211.2 Type test values of the conventional load voltage3511.3 Mechanical switching devices used to adjust output3611.4 Output connections3611.5 Power supply to external devices37							
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11.1 Rated no-load voltage (U_0) 3211.2 Type test values of the conventional load voltage3511.3 Mechanical switching devices used to adjust output3611.4 Output connections3611.5 Power supply to external devices37	11						
11.2 Type test values of the conventional load voltage3511.3 Mechanical switching devices used to adjust output3611.4 Output connections3611.5 Power supply to external devices37	-						
11.3 Mechanical switching devices used to adjust output3611.4 Output connections3611.5 Power supply to external devices37			•				
11.4 Output connections3611.5 Power supply to external devices37							
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