



Altronix Maximal R Series Rack Mount Access Power Controllers (fused) User Manual

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Altronix Maximal R Series Rack Mount Access Power Controllers (fused) User Manual



Overview:

Altrionx Maximal Rack Mount Series units distribute and switch power to access control systems and accessories. They convert a 115VAC, 50/60Hz input into eight (8) or sixteen (16) independently controlled 12VDC and/or 24VDC fuse protected outputs. Outputs are activated by a normally open (NO) or normally closed (NC) dry trigger input from an Access Control System, Card Reader, Keypad, Push Button, PIR, etc. Units will route power to a variety of access control hardware devices including: Mag Locks, Electric Strikes, Magnetic Door Holders, etc. Outputs will operate in both Fail-Safe and/or Fail-Secure modes. The FACP Interface enables Emergency Egress, Alarm Monitoring, or may be used to trigger other auxiliary devices. The fire alarm disconnect feature is individually selectable for any or all of the outputs (see chart below).

Maximal Rack Mount Series Configuration Chart:

Altronix Model Number	Power Supply 1 (8 outputs)	Power Supply 2 (8 outputs)	Total Out put Curr ent	Fuse Pro tected O utputs	Maximum C urrent Per ACM8R-M Output	115VAC 50/60Hz Input (cu rrent dra w)	Power Supply Boa rd Input Fus e Rating
Maximal1RH	12VDC @ 4A	N/A	4A	8	2.5A	1.9A	5A/250V

	24VDC @ 3A	N/A	3A				
Maximal1R	12VDC @ 4A	N/A	4A	16	2.5A	1.9A	5A/250V
	24VDC @ 3A	N/A	3A				
Maximal3RH	12VDC @ 6A	N/A	6A	8	2.5A	1.9A	3.5A/250V
	24VDC @ 6A	N/A					
Maximal3R	12VDC @ 6A	N/A	6A	16	2.5A	1.9A	3.5A/250V
	24VDC @ 6A						
Maximal33R	12VDC @ 6A	12VDC @ 6A	12A	16	2.5A	3.8A	3.5A/250V
	24VDC @ 6A	24VDC @ 6A					
	12VDC @ 6A	24VDC @ 6A					

Specifications:

Inputs:
Specifications:

Battery Backup:

- Normally closed [NC] or normally open [NO] dry contact inputs (switch selectable).

Outputs:

- Individually selectable Mag Lock/Strike (Fail-Safe, Fail-Secure) solid state fuse protected power
- Thermal and short circuit protection with auto

Fire Alarm Interface:

- Fire Alarm disconnect (latching with reset or non-latching) is individually selectable for any or all of the outputs.
- Remote reset capability for latching Fire Alarm Interface
- Fire Alarm disconnect input options:
 1. Normally open [NO] or normally closed [NC] dry contact
 2. Polarity reversal input from FACP signaling

Visual Indicators:

- Individual output status LEDs located on the front panel.

Battery Backup:

- Built-in charger for sealed lead acid or gel type batteries

(A separate enclosure is required for batteries).

- Maximum charge current 7A.
- Automatic switch over to stand-by battery when AC
- Zero voltage drop when unit switches over to battery backup (AC failure condition).

Supervision:

- AC fail supervision (form "C" contact).
- Low battery supervision (form "C" contact).

Additional Features:

- Removable terminal blocks with locking screw
- 3-wire line
- Illuminated master power disconnect circuit breaker with manual

Rack Dimensions (H x W x D):

3.25" x 19.125" x 8.5" 82.6mm x 485.8mm x 215.9mm).

Installation Instructions:

Important: Adjust output voltages and Fire Alarm Interface configuration before installing unit in the rack.

1. Separate bottom and top of the rack mount chassis by removing six (6) screws (*Rack Mechanical Drawing and Dimensions, pg. 12*).

CAUTION: Do not touch exposed metal parts. Shut branch circuit power before installing or servicing equipment. There are no user serviceable parts inside. Refer installation and servicing to qualified service personnel.

2. Set output voltage: Select desired DC output voltage by setting SW1 on the power supply board(s) (*Fig. 1a, pg. 6*) to the appropriate position (*Output Voltage and Stand-by Specification Charts, pg. 5*).

For Maximal33R: each set of eight (8) outputs can be set for 12VDC or 24VDC (example: eight (8) outputs @ 12VDC and eight (8) outputs @ 24VDC).⁴

3. Input trigger programming options:

The unit can be programmed to operate with either a normally open or normally closed input from access control devices by setting switches SW3 on either the ACM8R-S or ACM16R-S board to the appropriate position (*Fig. 2b, pg. 7*); OFF for a normally closed [NC] trigger input or ON for a normally open [NO] input.

4. Output programming options:¹¹

5. The outputs can be programmed to be either all Fail-Safe (i.e. mag locks), all Fail-Secure (i.e. electric strikes) or any combination of each by setting the corresponding OUTPUT SELECT dip switches (1-8) on the ACM8R-S board to the appropriate position; ON for Fail-Safe outputs or OFF for Fail-Secure outputs (*Fig. 2a, pg. 7*).

Note: the output configuration will follow the input trigger option

1. To enable the FACP Disconnect for an output the corresponding FIRE ALARM INTERFACE switch must be in the ON To disable the FACP Disconnect the FIRE ALARM INTERFACE dip switches (1-8) on the ACM8R-S/ACM16R-S board must be in the OFF position (*Fig. 2a, pg. 7*).

5. Fire Alarm Interface hookup options:

A normally closed [NC], normally open [NO] input or polarity reversal from an FACP signaling circuit will trigger the selected outputs (*Figs. 6-11, pg. 9*). To program the Fire Alarm Interface set dip switches SW1 and SW2 on the ACM8R-M board to the appropriate positions (*Figs. 3a and 3b, pg. 7*) (*Fire Alarm Interface Switch Settings pg. 5*).

6. Battery Connections:

For access control applications batteries are optional. If batteries are not used, a loss of AC will result in the loss of output voltage. When batteries are used, they must be lead acid or gel type. Connect one (1) battery to the terminals marked [– BAT +] for 12VDC operation. Use two (2) 12VDC batteries wired in series for 24VDC operation (*Fig. 4b, 5b, pg. 8*). The rack mount enclosure will not accommodate batteries. A separate battery enclosure is required.

Note: When using the Maximal33R with battery backup, two (2) separate batteries or sets of batteries must be used.

7. Battery and AC Supervision outputs:

Connect the appropriate notification signaling device to the terminals marked AC Fail and Battery Fail on the power supply board(s) (*Fig. 4a/5a, pg. 8*).

Use 22AWG to 18AWG for AC Fail and Low/No Battery reporting.

8. Reassemble the bottom and top of the rack mount chassis by fastening the six (6)

(*Rack Mechanical Drawing and Dimensions pg. 12*).

9. Attach mounting brackets to the rack mount Maximal for desired rack or wall installation (*Fig. 12-14, 10*).

10. Mount in the desired rack Do not obstruct side air vents.

11. Set the power disconnect circuit breaker to the OFF position (*Fig. 15a, 12*).

12. Plug power cord into a grounded 115VAC 50/60Hz receptacle (*Fig. 15b, 12*).

13. Set the power disconnect circuit breaker to the ON position (*Fig. 15a, 12*).

14. Measure the output voltage before connecting This helps avoiding potential damage.

15. Set the power disconnect circuit breaker to the OFF position (*Fig. 15a, 12*).

16. Input trigger connections:

Connect the Normally Open or Normally Closed input triggers from the access control devices to the removable terminals marked [IN1 and GND] through [IN8 and GND] for Maximal1RH and Maximal3RH. For Maximal1R, Maximal3R and Maximal33R connect devices to the second set of terminals.

Make sure the devices match settings of SW3 in step 3 (*Rack Mechanical Drawing and Dimensions pg. 12*).

17. Output connections:

Connect the devices to be powered to the removable terminals marked [– OUT1 +] to [– OUT8 +] for Maximal1RH and Maximal3RH. For Maximal1R, Maximal3R, and Maximal33R connect devices to the second set of terminals marked [– OUT1 +] to [– OUT8 +] (*Fig. 15c, pg. 12*).

18. Fire Alarm Interface connection options:

2. Connect the FACP trigger input to the removable terminals marked FACP1 and FACP2. When using the polarity reversal from an FACP signaling circuit, connect the negative [–] to the terminal marked FACP1 and the positive [+] to the terminal marked FACP2 (polarity is in alarm condition)

(*Rack Mechanical Drawing and Dimensions pg. 12*).

1. For a latching fire alarm interface connect a normally [NO] reset switch to the removable terminals marked [REST] and [GND] (*Figs. 6-11, 9*).

19. Set the power disconnect circuit breaker to the ON position (*Fig. 15a, 12*).

Maintenance:

Unit should be tested at least once a year for the proper operation as follows:

Output Voltage Test: Under normal load conditions the DC output voltage should be checked for proper voltage level (*Output Voltage and Stand-by Specification Charts, pg. 5*).

Battery Test: Under normal load conditions check that the battery is fully charged, check specified voltage at the battery terminals and at the board terminals marked [– BAT +] to ensure that there is no break in the battery connection wires.

Fire Alarm Interface Switch Settings:

Switch Position		FACP Input
SW1	SW2	
OFF	OFF	FACP Signal Circuit (Polarity Reversal).
ON	ON	Normally Closed [NC] Trigger Input.
ON	OFF	Normally Open [NO] Trigger Input.

Output Voltage and Stand-by Specification Charts:

Altronix Model	Power Supply Board	Battery	20 Min. of Backup	4 Hr. of Backup	24 Hr. of Backup
Maximal1RH Maximal1R	OLS120 <i>(Refer to Fig. 1a, pg. 4 for Switch [SW1] location and position)</i>	12VDC/40AH*	N/A	3.5A	0.5A
		24VDC/40AH*	N/A	2.7A	0.7A
Maximal3RH Maximal3R M Maximal33R	AL600ULXB <i>(Refer to Fig. 1a, pg. 4 for Switch [SW1] location and position)</i>	12VDC/40AH*	N/A	5.5A	5.5A
		24VDC/40AH*	N/A	5.5A	0.7A

Power Supply Board

LED Diagnostics:

LED		Power Supply Status
Red (DC)	Green (AC)	
ON	ON	Normal operating condition.
ON	OFF	Loss of AC. Stand-by battery supplying power.
OFF	ON	No DC output. Short circuit or thermal overload condition.
OFF	OFF	No DC output. Loss of AC. Discharged battery.

Output LEDs on Front Panel

ON	Output is triggered.
Blinking	FACP disconnect.

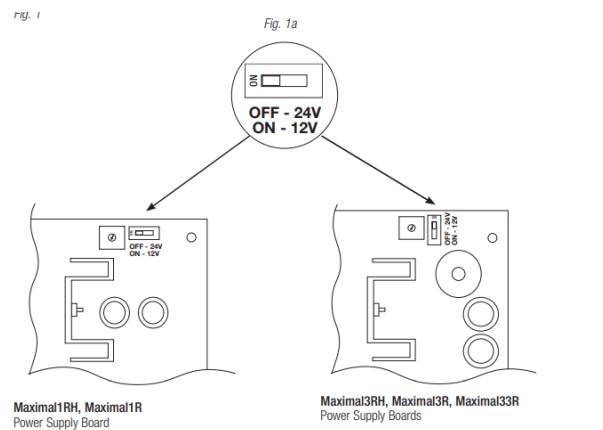
WARNING: To reduce the risk of fire or electric shock, do not expose the unit to rain or moisture. This installation should be made by qualified service personnel and should conform to the National Electrical Code and all local codes.

The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of an insulated **DANGEROUS VOLTAGE** within the product’s enclosure that may be of sufficient magnitude to constitute an electric shock.

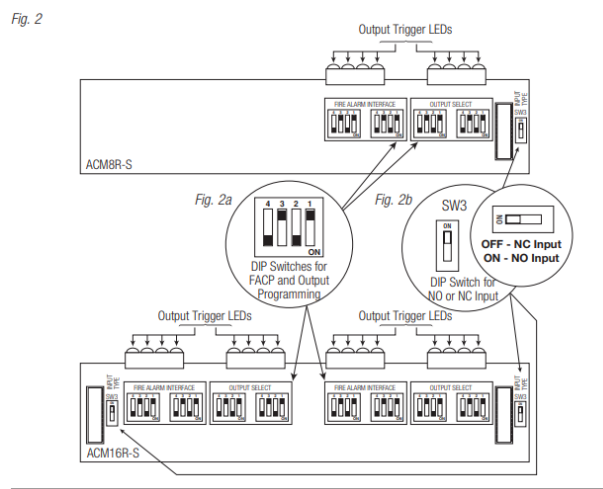
The exclamation point within an equilateral triangle is intended to alert the user to the presence of impor- tant operating and maintenance (servicing) instructions in the literature accompanying the appliance.

CAUTION: To reduce the risk of electric shock do not open enclosure. There are no user serviceable parts inside.

Refer servicing to qualified service personnel.
Power Supply Board Output Voltage Settings

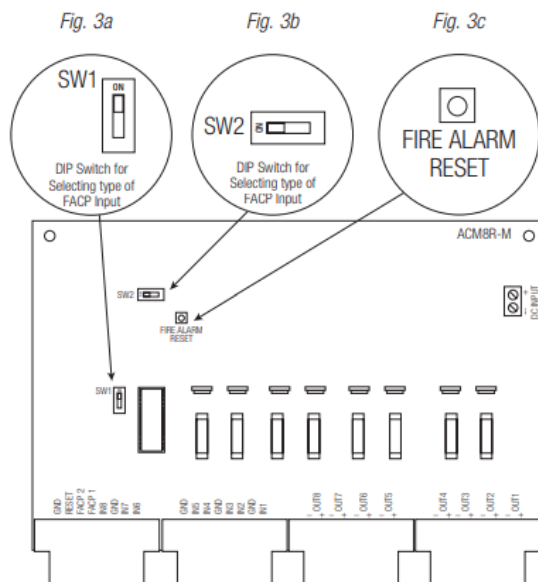


Fire Alarm Interface, Output Selection, and Input Type:

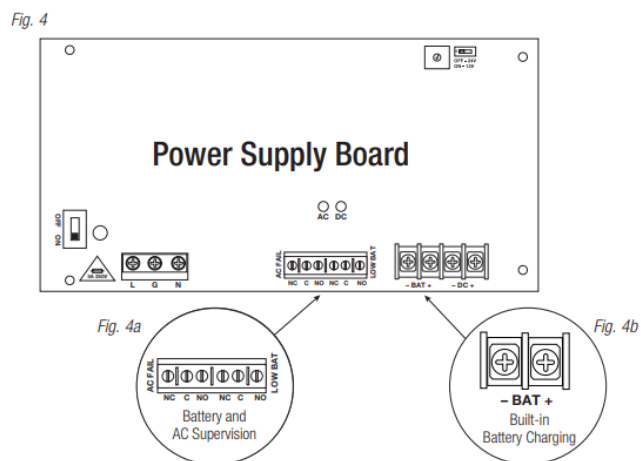


Power Supply Board

Maximal1RH, Maximal1R

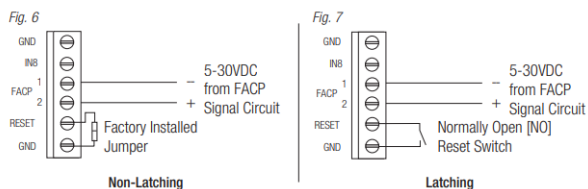


Power Supply Board Maximal3RH, Maximal3R, Maximal33R Fig. 5

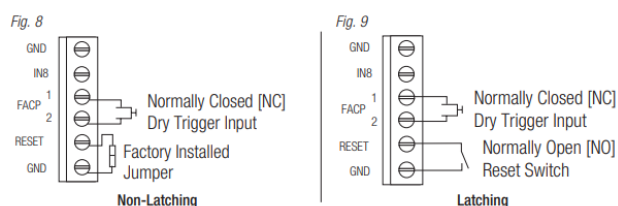


FACP Hook-Up Diagrams

Polarity Reversal Input from FACP Signal Circuit Output (Polarity is referenced in alarm condition)



Normally Closed Input from FACP



Normally Open Input from FACP

Fig. 10

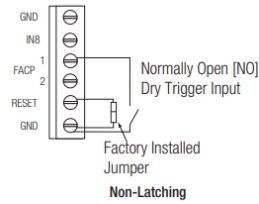
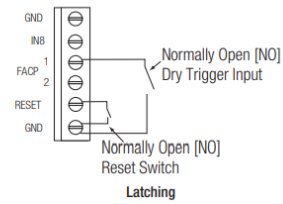
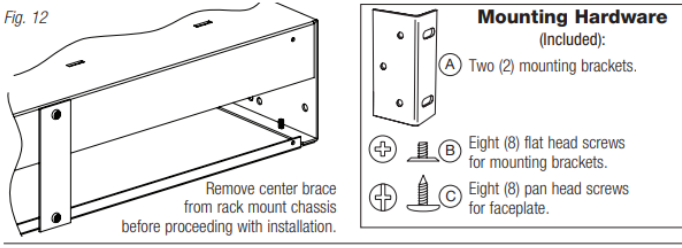


Fig. 11



Mounting Options

Fig. 12



Wall Mount Installation

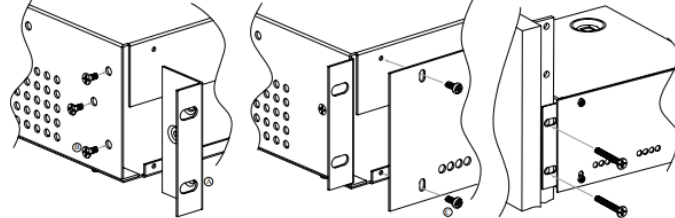
1. Carefully place faceplate over LEDs, and secure using three (3) pan head screws (C) on top and three (3) pan head screws (C) on the bottom of faceplate (*Fig. 14a*).
2. Place mounting brackets (A) onto the side of the left and right side of rack enclosure (*Fig. 14b*).
Use three (3) flat head screws (B) to secure mounting brackets.
3. Mount rack and secure with mounting screws (*not included*) (*Fig. 14c*). *Fig. 14*

Fig. 13

Fig. 13a

Fig. 13b

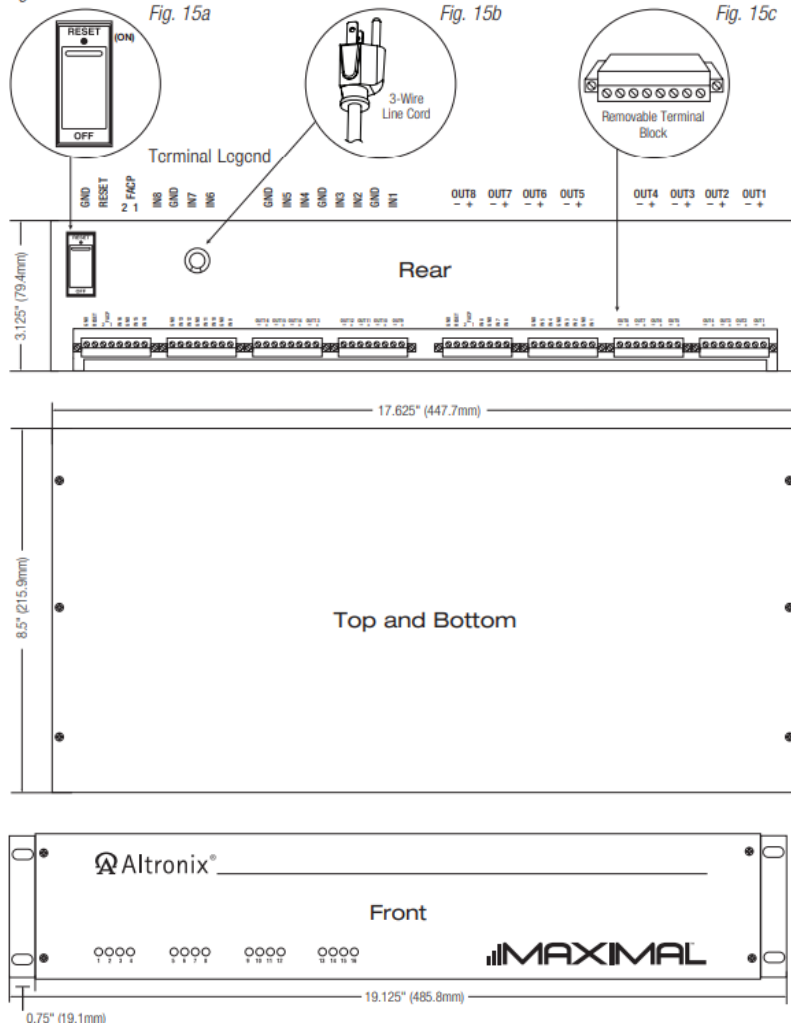
Fig. 13c



Rack Mechanical Drawing and Dimensions


3.25" x 19.125" x 8.5" (82.6mm x 485.8mm x 215.9mm)

Fig. 15



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 <p>Maximal R Series Rack Mount Access Power Controllers (fused)</p> <p>Models include:</p> <p>Maximal11RH 11.0V 1.1A 12.5W 11.0V 1.1A 12.5W</p> <p>Maximal12RH 12.0V 1.2A 14.4W 12.0V 1.2A 14.4W</p> <p>Maximal13RH 13.0V 1.3A 16.9W 13.0V 1.3A 16.9W</p> <p>Maximal14RH 14.0V 1.4A 19.6W 14.0V 1.4A 19.6W</p> <p>Maximal15RH 15.0V 1.5A 22.5W 15.0V 1.5A 22.5W</p> <p>Maximal16RH 16.0V 1.6A 25.6W 16.0V 1.6A 25.6W</p> <p>Maximal17RH 17.0V 1.7A 28.9W 17.0V 1.7A 28.9W</p> <p>Maximal18RH 18.0V 1.8A 32.4W 18.0V 1.8A 32.4W</p> <p>Maximal19RH 19.0V 1.9A 36.1W 19.0V 1.9A 36.1W</p> <p>Maximal20RH 20.0V 2.0A 40.0W 20.0V 2.0A 40.0W</p> <p>Maximal21RH 21.0V 2.1A 44.1W 21.0V 2.1A 44.1W</p> <p>Maximal22RH 22.0V 2.2A 48.4W 22.0V 2.2A 48.4W</p> <p>Maximal23RH 23.0V 2.3A 52.9W 23.0V 2.3A 52.9W</p> <p>Maximal24RH 24.0V 2.4A 57.6W 24.0V 2.4A 57.6W</p> <p>Maximal25RH 25.0V 2.5A 62.5W 25.0V 2.5A 62.5W</p> <p>Maximal26RH 26.0V 2.6A 67.6W 26.0V 2.6A 67.6W</p> <p>Maximal27RH 27.0V 2.7A 72.9W 27.0V 2.7A 72.9W</p> <p>Maximal28RH 28.0V 2.8A 78.4W 28.0V 2.8A 78.4W</p> <p>Maximal29RH 29.0V 2.9A 84.1W 29.0V 2.9A 84.1W</p> <p>Maximal30RH 30.0V 3.0A 90.0W 30.0V 3.0A 90.0W</p> <p>Maximal31RH 31.0V 3.1A 96.1W 31.0V 3.1A 96.1W</p> <p>Maximal32RH 32.0V 3.2A 102.4W 32.0V 3.2A 102.4W</p> <p>Maximal33RH 33.0V 3.3A 108.9W 33.0V 3.3A 108.9W</p> <p>Maximal34RH 34.0V 3.4A 115.6W 34.0V 3.4A 115.6W</p> <p>Maximal35RH 35.0V 3.5A 122.5W 35.0V 3.5A 122.5W</p> <p>Maximal36RH 36.0V 3.6A 129.6W 36.0V 3.6A 129.6W</p> <p>Maximal37RH 37.0V 3.7A 136.9W 37.0V 3.7A 136.9W</p> <p>Maximal38RH 38.0V 3.8A 144.4W 38.0V 3.8A 144.4W</p> <p>Maximal39RH 39.0V 3.9A 152.1W 39.0V 3.9A 152.1W</p> <p>Maximal40RH 40.0V 4.0A 160.0W 40.0V 4.0A 160.0W</p> <p>Maximal41RH 41.0V 4.1A 168.1W 41.0V 4.1A 168.1W</p> <p>Maximal42RH 42.0V 4.2A 176.4W 42.0V 4.2A 176.4W</p> <p>Maximal43RH 43.0V 4.3A 184.9W 43.0V 4.3A 184.9W</p> <p>Maximal44RH 44.0V 4.4A 193.6W 44.0V 4.4A 193.6W</p> <p>Maximal45RH 45.0V 4.5A 202.5W 45.0V 4.5A 202.5W</p> <p>Maximal46RH 46.0V 4.6A 211.6W 46.0V 4.6A 211.6W</p> <p>Maximal47RH 47.0V 4.7A 220.9W 47.0V 4.7A 220.9W</p> <p>Maximal48RH 48.0V 4.8A 230.4W 48.0V 4.8A 230.4W</p> <p>Maximal49RH 49.0V 4.9A 240.1W 49.0V 4.9A 240.1W</p> <p>Maximal50RH 50.0V 5.0A 250.0W 50.0V 5.0A 250.0W</p> <p>Maximal51RH 51.0V 5.1A 260.1W 51.0V 5.1A 260.1W</p> <p>Maximal52RH 52.0V 5.2A 270.4W 52.0V 5.2A 270.4W</p> <p>Maximal53RH 53.0V 5.3A 280.9W 53.0V 5.3A 280.9W</p> <p>Maximal54RH 54.0V 5.4A 291.6W 54.0V 5.4A 291.6W</p> <p>Maximal55RH 55.0V 5.5A 302.5W 55.0V 5.5A 302.5W</p> <p>Maximal56RH 56.0V 5.6A 313.6W 56.0V 5.6A 313.6W</p> <p>Maximal57RH 57.0V 5.7A 324.9W 57.0V 5.7A 324.9W</p> <p>Maximal58RH 58.0V 5.8A 336.4W 58.0V 5.8A 336.4W</p> <p>Maximal59RH 59.0V 5.9A 348.1W 59.0V 5.9A 348.1W</p> <p>Maximal60RH 60.0V 6.0A 360.0W 60.0V 6.0A 360.0W</p> <p>Maximal61RH 61.0V 6.1A 372.1W 61.0V 6.1A 372.1W</p> <p>Maximal62RH 62.0V 6.2A 384.4W 62.0V 6.2A 384.4W</p> <p>Maximal63RH 63.0V 6.3A 396.9W 63.0V 6.3A 396.9W</p> <p>Maximal64RH 64.0V 6.4A 409.6W 64.0V 6.4A 409.6W</p> <p>Maximal65RH 65.0V 6.5A 422.5W 65.0V 6.5A 422.5W</p> <p>Maximal66RH 66.0V 6.6A 435.6W 66.0V 6.6A 435.6W</p> <p>Maximal67RH 67.0V 6.7A 448.9W 67.0V 6.7A 448.9W</p> <p>Maximal68RH 68.0V 6.8A 462.4W 68.0V 6.8A 462.4W</p> <p>Maximal69RH 69.0V 6.9A 476.1W 69.0V 6.9A 476.1W</p> <p>Maximal70RH 70.0V 7.0A 490.0W 70.0V 7.0A 490.0W</p> <p>Maximal71RH 71.0V 7.1A 504.1W 71.0V 7.1A 504.1W</p> <p>Maximal72RH 72.0V 7.2A 518.4W 72.0V 7.2A 518.4W</p> <p>Maximal73RH 73.0V 7.3A 532.9W 73.0V 7.3A 532.9W</p> <p>Maximal74RH 74.0V 7.4A 547.6W 74.0V 7.4A 547.6W</p> <p>Maximal75RH 75.0V 7.5A 562.5W 75.0V 7.5A 562.5W</p> <p>Maximal76RH 76.0V 7.6A 577.6W 76.0V 7.6A 577.6W</p> <p>Maximal77RH 77.0V 7.7A 592.9W 77.0V 7.7A 592.9W</p> <p>Maximal78RH 78.0V 7.8A 608.4W 78.0V 7.8A 608.4W</p> <p>Maximal79RH 79.0V 7.9A 624.1W 79.0V 7.9A 624.1W</p> <p>Maximal80RH 80.0V 8.0A 640.0W 80.0V 8.0A 640.0W</p> <p>Maximal81RH 81.0V 8.1A 656.1W 81.0V 8.1A 656.1W</p> <p>Maximal82RH 82.0V 8.2A 672.4W 82.0V 8.2A 672.4W</p> <p>Maximal83RH 83.0V 8.3A 688.9W 83.0V 8.3A 688.9W</p> <p>Maximal84RH 84.0V 8.4A 705.6W 84.0V 8.4A 705.6W</p> <p>Maximal85RH 85.0V 8.5A 722.5W 85.0V 8.5A 722.5W</p> <p>Maximal86RH 86.0V 8.6A 739.6W 86.0V 8.6A 739.6W</p> <p>Maximal87RH 87.0V 8.7A 756.9W 87.0V 8.7A 756.9W</p> <p>Maximal88RH 88.0V 8.8A 774.4W 88.0V 8.8A 774.4W</p> <p>Maximal89RH 89.0V 8.9A 792.1W 89.0V 8.9A 792.1W</p> <p>Maximal90RH 90.0V 9.0A 810.0W 90.0V 9.0A 810.0W</p> <p>Maximal91RH 91.0V 9.1A 828.1W 91.0V 9.1A 828.1W</p> <p>Maximal92RH 92.0V 9.2A 846.4W 92.0V 9.2A 846.4W</p> <p>Maximal93RH 93.0V 9.3A 864.9W 93.0V 9.3A 864.9W</p> <p>Maximal94RH 94.0V 9.4A 883.6W 94.0V 9.4A 883.6W</p> <p>Maximal95RH 95.0V 9.5A 902.5W 95.0V 9.5A 902.5W</p> <p>Maximal96RH 96.0V 9.6A 921.6W 96.0V 9.6A 921.6W</p> <p>Maximal97RH 97.0V 9.7A 940.9W 97.0V 9.7A 940.9W</p> <p>Maximal98RH 98.0V 9.8A 960.4W 98.0V 9.8A 960.4W</p> <p>Maximal99RH 99.0V 9.9A 980.1W 99.0V 9.9A 980.1W</p> <p>Maximal100RH 100.0V 10.0A 1000.0W 100.0V 10.0A 1000.0W</p> <p>Maximal101RH 101.0V 10.1A 1020.1W 101.0V 10.1A 1020.1W</p> <p>Maximal102RH 102.0V 10.2A 1040.4W 102.0V 10.2A 1040.4W</p> <p>Maximal103RH 103.0V 10.3A 1060.9W 103.0V 10.3A 1060.9W</p> <p>Maximal104RH 104.0V 10.4A 1081.6W 104.0V 10.4A 1081.6W</p> <p>Maximal105RH 105.0V 10.5A 1102.5W 105.0V 10.5A 1102.5W</p> <p>Maximal106RH 106.0V 10.6A 1123.6W 106.0V 10.6A 1123.6W</p> <p>Maximal107RH 107.0V 10.7A 1144.9W 107.0V 10.7A 1144.9W</p> <p>Maximal108RH 108.0V 10.8A 1166.4W 108.0V 10.8A 1166.4W</p> <p>Maximal109RH 109.0V 10.9A 1188.1W 109.0V 10.9A 1188.1W</p> <p>Maximal110RH 110.0V 11.0A 1210.0W 110.0V 11.0A 1210.0W</p> <p>Maximal111RH 111.0V 11.1A 1232.1W 111.0V 11.1A 1232.1W</p> <p>Maximal112RH 112.0V 11.2A 1254.4W 112.0V 11.2A 1254.4W</p> <p>Maximal113RH 113.0V 11.3A 1276.9W 113.0V 11.3A 1276.9W</p> <p>Maximal114RH 114.0V 11.4A 1299.6W 114.0V 11.4A 1299.6W</p> <p>Maximal115RH 115.0V 11.5A 1322.5W 115.0V 11.5A 1322.5W</p> <p>Maximal116RH 116.0V 11.6A 1345.6W 116.0V 11.6A 1345.6W</p> <p>Maximal117RH 117.0V 11.7A 1368.9W 117.0V 11.7A 1368.9W</p> <p>Maximal118RH 118.0V 11.8A 1392.4W 118.0V 11.8A 1392.4W</p> <p>Maximal119RH 119.0V 11.9A 1416.1W 119.0V 11.9A 1416.1W</p> <p>Maximal120RH 120.0V 12.0A 1440.0W 120.0V 12.0A 1440.0W</p> <p>Maximal121RH 121.0V 12.1A 1464.1W 121.0V 12.1A 1464.1W</p> <p>Maximal122RH 122.0V 12.2A 1488.4W 122.0V 12.2A 1488.4W</p> <p>Maximal123RH 123.0V 12.3A 1512.9W 123.0V 12.3A 1512.9W</p> <p>Maximal124RH 124.0V 12.4A 1537.6W 124.0V 12.4A 1537.6W</p> <p>Maximal125RH 125.0V 12.5A 1562.5W 125.0V 12.5A 1562.5W</p> <p>Maximal126RH 126.0V 12.6A 1587.6W 126.0V 12.6A 1587.6W</p> <p>Maximal127RH 127.0V 12.7A 1612.9W 127.0V 12.7A 1612.9W</p> <p>Maximal128RH 128.0V 12.8A 1638.4W 128.0V 12.8A 1638.4W</p> <p>Maximal129RH 129.0V 12.9A 1664.1W 129.0V 12.9A 1664.1W</p> <p>Maximal130RH 130.0V 13.0A 1690.0W 130.0V 13.0A 1690.0W</p> <p>Maximal131RH 131.0V 13.1A 1716.1W 131.0V 13.1A 1716.1W</p> <p>Maximal132RH 132.0V 13.2A 1742.4W 132.0V 13.2A 1742.4W</p> <p>Maximal133RH 133.0V 13.3A 1768.9W 133.0V 13.3A 1768.9W</p> <p>Maximal134RH 134.0V 13.4A 1795.6W 134.0V 13.4A 1795.6W</p> <p>Maximal135RH 135.0V 13.5A 1822.5W 135.0V 13.5A 1822.5W</p> <p>Maximal136RH 136.0V 13.6A 1849.6W 136.0V 13.6A 1849.6W</p> <p>Maximal137RH 137.0V 13.7A 1876.9W 137.0V 13.7A 1876.9W</p> <p>Maximal138RH 138.0V 13.8A 1904.4W 138.0V 13.8A 1904.4W</p> <p>Maximal139RH 139.0V 13.9A 1932.1W 139.0V 13.9A 1932.1W</p> <p>Maximal140RH 140.0V 14.0A 1960.0W 140.0V 14.0A 1960.0W</p> <p>Maximal141RH 141.0V 14.1A 1988.1W 141.0V 14.1A 1988.1W</p> <p>Maximal142RH 142.0V 14.2A 2016.4W 142.0V 14.2A 2016.4W</p> <p>Maximal143RH 143.0V 14.3A 2044.9W 143.0V 14.3A 2044.9W</p> <p>Maximal144RH 144.0V 14.4A 2073.6W 144.0V 14.4A 2073.6W</p> <p>Maximal145RH 145.0V 14.5A 2102.5W 145.0V 14.5A 2102.5W</p> <p>Maximal146RH 146.0V 14.6A 2131.6W 146.0V 14.6A 2131.6W</p> <p>Maximal147RH 147.0V 14.7A 2160.9W 147.0V 14.7A 2160.9W</p> <p>Maximal148RH 148.0V 14.8A 2190.4W 148.0V 14.8A 2190.4W</p> <p>Maximal149RH 149.0V 14.9A 2220.1W 149.0V 14.9A 2220.1W</p> <p>Maximal150RH 150.0V 15.0A 2250.0W 150.0V 15.0A 2250.0W</p> <p>Maximal151RH 151.0V 15.1A 2280.1W 151.0V 15.1A 2280.1W</p> <p>Maximal152RH 152.0V 15.2A 2310.4W 152.0V 15.2A 2310.4W</p> <p>Maximal153RH 153.0V 15.3A 2340.9W 153.0V 15.3A 2340.9W</p> <p>Maximal154RH 154.0V 15.4A 2371.6W 154.0V 15.4A 2371.6W</p> <p>Maximal155RH 155.0V 15.5A 2402.5W 155.0V 15.5A 2402.5W</p> <p>Maximal156RH 156.0V 15.6A 2433.6W 156.0V 15.6A 2433.6W</p> <p>Maximal157RH 157.0V 15.7A 2464.9W 157.0V 15.7A 2464.9W</p> <p>Maximal158RH 158.0V 15.8A 2496.4W 158.0V 15.8A 2496.4W</p> <p>Maximal159RH 159.0V 15.9A 2528.1W 159.0V 15.9A 2528.1W</p> <p>Maximal160RH 160.0V 16.0A 2560.0W 160.0V 16.0A 2560.0W</p> <p>Maximal161RH 161.0V 16.1A 2592.1W 161.0V 16.1A 2592.1W</p> <p>Maximal162RH 162.0V 16.2A 2624.4W 162.0V 16.2A 2624.4W</p> <p>Maximal163RH 163.0V 16.3A 2656.9W 163.0V 16.3A 2656.9W</p> <p>Maximal164RH 164.0V 16.4A 2689.6W 164.0V 16.4A 2689.6W</p> <p>Maximal165RH 165.0V 16.5A 2722.5W 165.0V 16.5A 2722.5W</p> <p>Maximal166RH 166.0V 16.6A 2755.6W 166.0V 16.6A 2755.6W</p> <p>Maximal167RH 167.0V 16.7A 2788.9W 167.0V 16.7A 2788.9W</p> <p>Maximal168RH 168.0V 16.8A 2822.4W 168.0V 16.8A 2822.4W</p> <p>Maximal169RH 169.0V 16.9A 2856.1W 169.0V 16.9A 2856.1W</p> <p>Maximal170RH 170.0V 17.0A 2890.0W 170.0V 17.0A 2890.0W</p> <p>Maximal171RH 171.0V 17.1A 2924.1W 171.0V 17.1A 2924.1W</p> <p>Maximal172RH 172.0V 17.2A 2958.4W 172.0V 17.2A 2958.4W</p> <p>Maximal173RH 173.0V 17.3A 3002.9W 173.0V 17.3A 3002.9W</p> <p>Maximal174RH 174.0V 17.4A 3047.6W 174.0V 17.4A 3047.6W</p> <p>Maximal175RH 175.0V 17.5A 3092.5W 175.0V 17.5A 3092.5W</p> <p>Maximal176RH 176.0V 17.6A 3137.6W 176.0V 17.6A 3137.6W</p> <p>Maximal177RH 177.0V 17.7A 3182.9W 177.0V 17.7A 3182.9W</p> <p>Maximal178RH 178.0V 17.8A 3228.4W 178.0V 17.8A 3228.4W</p> <p>Maximal179RH 179.0V 17.9A 3274.1W 179.0V 17.9A 3274.1W</p> <p>Maximal180RH 180.0V 18.0A 3320.0W 180.0V 18.0A 3320.0W</p> <p>Maximal181RH 181.0V 18.1A 3366.1W 181.0V 18.1A 3366.1W</p> <p>Maximal182RH 182.0V 18.2A 3412.4W 182.0V 18.2A 3412.4W</p> <p>Maximal183RH 183.0V 18.3A 3458.9W 183.0V 18.3A 3458.9W</p> <p>Maximal184RH 184.0V 18.4A 3505.6W 184.0V 18.4A 3505.6W</p> <p>Maximal185RH 185.0V 18.5A 3552.5W 185.0V 18.5A 3552.5W</p> <p>Maximal186RH 186.0V 18.6A 3609.6W 186.0V 18.6A 3609.6W</p> <p>Maximal187RH 187.0V 18.7A 3666.9W 187.0V 18.7A 3666.9W</p> <p>Maximal188RH 188.0V 18.8A 3724.4W 188.0V 18.8A 3724.4W</p> <p>Maximal189RH 189.0V 18.9A 3782.1W 189.0V 18.9A 3782.1W</p> <p>Maximal190RH 190.0V 19.0A 3840.0W 190.0V 19.0A 3840.0W</p> <p>Maximal191RH 191.0V 19.1A 3898.1W 191.0V 19.1A 3898.1W</p> <p>Maximal192RH 192.0V 19.2A 3956.4W 192.0V 19.2A 3956.4W</p> <p>Maximal193RH 193.0V 19.3A 4014.9W 193.0V 19.3A 4014.9W</p> <p>Maximal194RH 194.0V 19.4A 4073.6W 194.0V 19.4A 4073.6W</p> <p>Maximal195RH 195.0V 19.5A 4132.5W 195.0V 19.5A 4132.5W</p> <p>Maximal196RH 196.0V 19.6A 4191.6W 196.0V 19.6A 4191.6W</p> <p>Maximal197RH 197.0V 19.7A 4250.9W 197.0V 19.7A 4250.9W</p> <p>Maximal198RH 198.0V 19.8A 4310.4W 198.0V 19.8A 4310.4W</p> <p>Maximal199RH 199.0V 19.9A 4370.1W 199.0V 19.9A 4370.1W</p> <p>Maximal200RH 200.0V 20.0A 4430.0W 200.0V 20.0A 4430.0W</p> <p>Maximal201RH 201.0V 20.1A 4490.1W 201.0V 20.1A 4490.1W</p> <p>Maximal202RH 202.0V 20.2A 4550.4W 202.0V 20.2A 4550.4W</p> <p>Maximal203RH 203.0V 20.3A 4610.9W 203.0V 20.3A 4610.9W</p> <p>Maximal204RH 204.0V 20.4A 4671.6W 204.0V 20.4A 4671.6W</p> <p>Maximal205RH 205.0V 20.5A 4732.5W 205.0V 20.5A 4732.5W</p> <p>Maximal206RH 206.0V 20.6A 4793.6W 206.0V 20.6A 4793.6W</p> <p>Maximal207RH 207.0V 20.7A 4854.9W 207.0V 20.7A 4854.9W</p> <p>Maximal208RH 208.0V 20.8A 4916.4W 208.0V 20.8A 4916.4W</p> <p>Maximal209RH 209.0V 20.9A 4978.1W 209.0V 20.9A 4978.1W</p> <p>Maximal210RH 210.0V 21.0A 5040.0W 210.0V 21.0A 5040.0W</p> <p>Maximal211RH 211.0V 21.1A 5102.1W 211.0V 21.1A 5102.1W</p> <p>Maximal212RH 212.0V 21.2A 5164.4W 212.0V 21.2A 5164.4W</p> <p>Maximal213RH 213.0V 21.3A 5226.9W 213.0V 21.3A 5226.9W</p> <p>Maximal214RH 214.0V 21.4A 5289.6W 214.0V 21.4A 5289.6W</p> <p>Maximal215RH 215.0V 21.5A 5352.5W 215.0V 21.5A 5352.5W</p> <p>Maximal216RH 216.0V 21.6A 5415.6W 216.0V 21.6A 5415.6W</p> <p>Maximal217RH 217.0V 21.7A 54</p>
