



## VoCom Product List

January 2009

| Model Number   | Frequency (MHz) | Output Power (Watts) | Input Power (Watts) | Voltage (Volts) | Max Current (Amperes) |
|--|-----------------|----------------------|---------------------|-----------------|-----------------------|
| <b>VHF Mobile Amplifiers (130-175 MHz)</b>   |                 |                      |                     |                 |                       |
| <i>Note: Specify input drive levels &amp; specific transmit frequency at time of order</i> |                 |                      |                     |                 |                       |
| VVC160-XX  | 130-175         | 160                  | 35-55               | 13.8            | 35                    |
| VVC100-XX  | 130-175         | 100                  | 25-35               | 13.8            | 15                    |
| VVC100-XX  | 130-175         | 100                  | 10-24               | 13.8            | 18                    |
| VVC100-XX  | 130-175         | 100                  | 5-9                 | 13.8            | 18                    |
| VVC050-XX  | 130-175         | 50                   | 5-15                | 13.8            | 10                    |
| <b>UHF Mobile Amplifiers (420-512 MHz)</b>   |                 |                      |                     |                 |                       |
| <i>Note: Specify input drive levels &amp; specific transmit frequency at time of order</i> |                 |                      |                     |                 |                       |
| UVC100-XX  | 420-512         | 100                  | 40-60               | 13.8            | 14                    |
| UVC100-XX  | 420-512         | 100                  | 10-39               | 13.8            | 20                    |
| UVC100-XX  | 420-512         | 100                  | 3-9                 | 13.8            | 22                    |
| UVC050-XX  | 420-512         | 50                   | 5-15                | 13.8            | 15                    |
| UVC050-XX  | 420-512         | 50                   | 3-4                 | 13.8            | 10                    |
| UVC025-XX  | 420-512         | 25                   | 3-5                 | 13.8            | 8                     |
| <b>VHF Low Band Amplifiers (35-50 MHz)</b>   |                 |                      |                     |                 |                       |
| <i>Note: Specify input drive levels &amp; specific transmit frequency at time of order</i> |                 |                      |                     |                 |                       |
| VVLC300-XXRF   | 35-50           | 300                  | 50-100              | 13.8            | 45                    |
| VVLC300-XXRF   | 35-50           | 300                  | 10-49               | 13.8            | 60                    |
| VVLC150-XXRF   | 35-50           | 150                  | 25-50               | 13.8            | 25                    |
| <b>VHF Amplifiers (130-175 MHz)</b>  |                 |                      |                     |                 |                       |
| <i>Note: Specify input drive levels &amp; specific transmit frequency at time of order</i> |                 |                      |                     |                 |                       |
| VVC500-XXRF  | 130-175         | 500                  | 25-100              | 13.8            | 110                   |
| VVC500-XXRF  | 130-175         | 500                  | 5-24                | 13.8            | 110                   |
| VVC500-XXRF  | 130-175         | 500                  | 0.2-4               | 13.8            | 110                   |
| VVC300-XXRF  | 130-175         | 250                  | 70-100              | 13.8            | 45                    |
| VVC300-XXRF  | 130-175         | 250                  | 10-69               | 13.8            | 55                    |
| VVC300-XXRF  | 130-175         | 250                  | 5-9                 | 13.8            | 55                    |
| VVC300-XXRF  | 130-175         | 250                  | 0.2-4               | 13.8            | 55                    |

| Model Number   | Frequency (MHz) | Output Power (Watts) | Input Power (Watts) | Voltage (Volts) | Max Current (Amperes) |
|--|-----------------|----------------------|---------------------|-----------------|-----------------------|
| <b>VHF Amplifiers (130-175 MHz)</b>  |                 |                      |                     |                 |                       |
| <i>Note: Specify input drive levels &amp; specific transmit frequency at time of order</i> |                 |                      |                     |                 |                       |
| VVC100-XXRF  | 130-175         | 100                  | 25-50               | 13.8            | 15                    |
| VVC100-XXRF  | 130-175         | 100                  | 5-24                | 13.8            | 18                    |
| VVC100-XXRF  | 130-175         | 100                  | 0.2-4               | 13.8            | 18                    |
| VVC050-XXRF  | 130-175         | 50                   | 10-25               | 13.8            | 8                     |
| VVC050-XXRF  | 130-175         | 50                   | 5-9                 | 13.8            | 10                    |
| VVC050-XXRF  | 130-175         | 50                   | 0.2-4               | 13.8            | 12                    |
| <b>UHF Amplifiers (420-512 MHz)</b>  |                 |                      |                     |                 |                       |
| <i>Note: Specify input drive levels &amp; specific transmit frequency at time of order</i> |                 |                      |                     |                 |                       |
| UVC350-XXRF  | 420-512         | 350                  | 50-100              | 13.8            | 75                    |
| UVC350-XXRF  | 420-512         | 350                  | 15-49               | 13.8            | 80                    |
| UVC350-XXRF  | 420-512         | 350                  | 5-14                | 13.8            | 80                    |
| UVC350-XXRF  | 420-512         | 350                  | 3-4                 | 13.8            | 85                    |
| UVC350-XXRF  | 420-512         | 350                  | 0.2-2               | 13.8            | 85                    |
| UVC200-XXRF  | 420-512         | 200                  | 75-100              | 13.8            | 45                    |
| UVC200-XXRF  | 420-512         | 200                  | 25-74               | 13.8            | 45                    |
| UVC100-XXRF  | 420-512         | 100                  | 40-50               | 13.8            | 14                    |
| UVC100-XXRF  | 420-512         | 100                  | 9-39                | 13.8            | 20                    |
| UVC100-XXRF  | 420-512         | 100                  | 3-8                 | 13.8            | 20                    |
| UVC100-XXRF  | 420-512         | 100                  | 0.2-2               | 13.8            | 20                    |
| UVC050-XXRF  | 420-512         | 50                   | 9-25                | 13.8            | 8                     |
| UVC050-XXRF  | 420-512         | 50                   | 3-8                 | 13.8            | 10                    |
| UVC050-XXRF  | 420-512         | 50                   | 0.2-2               | 13.8            | 12                    |
| <b>800 MHz Band Amplifiers (800-900 MHz)</b>   |                 |                      |                     |                 |                       |
| <i>Note: Specify input drive levels &amp; specific transmit frequency at time of order</i> |                 |                      |                     |                 |                       |
| 800VC140-XXRF  | 800-900         | 140                  | 10-40               | 13.8            | 42                    |
| 800VC140-XXRF  | 800-900         | 140                  | 0.2-9               | 13.8            | 44                    |
| 800VC075-XXRF  | 800-900         | 75                   | 7-25                | 13.8            | 20                    |
| 800VC075-XXRF  | 800-900         | 75                   | 0.2-6               | 13.8            | 22                    |
| 800VC040-XXRF  | 800-900         | 40                   | 7-15                | 13.8            | 12                    |
| 800VC040-XXRF  | 800-900         | 40                   | 0.2-6               | 13.8            | 13                    |
| 800VC015-XXRF  | 800-900         | 15                   | 0.2-10              | 13.8            | 10                    |
| <b>900 MHz Band Amplifiers (900-960 MHz)</b>   |                 |                      |                     |                 |                       |
| <i>Note: Specify input drive levels &amp; specific transmit frequency at time of order</i> |                 |                      |                     |                 |                       |
| 900VC035-XXRF  | 900-960         | 35                   | 15-25               | 13.8            | 12                    |
| 900VC035-XXRF  | 900-960         | 35                   | 7-14                | 13.8            | 13                    |
| 900VC035-XXRF  | 900-960         | 35                   | 0.2-6               | 13.8            | 13                    |

| <b>Model Number</b>  | <b>Frequency (MHz)</b> | <b>Output Power (Watts)</b> | <b>Input Power (Watts)</b> | <b>Voltage (Volts)</b> | <b>Max Current (Amperes)</b> |
|--|------------------------|-----------------------------|----------------------------|------------------------|------------------------------|
| <b>VHF Amplifiers/Power Supply Built Internally (130-175 MHz)</b>                          |                        |                             |                            |                        |                              |
| <i>Note: Specify input drive levels &amp; specific transmit frequency at time of order</i> |                        |                             |                            |                        |                              |
| PSV100-XXRF  | 130-175                | 100                         | 25-50                      | 13.8                   | 15                           |
| PSV100-XXRF  | 130-175                | 100                         | 5-24                       | 13.8                   | 18                           |
| PSV100-XXRF  | 130-175                | 100                         | 0.2-4                      | 13.8                   | 18                           |
| PSV050-XXRF  | 130-175                | 50                          | 10-25                      | 13.8                   | 8                            |
| PSV050-XXRF  | 130-175                | 50                          | 5-9                        | 13.8                   | 10                           |
| PSV050-XXRF  | 130-175                | 50                          | 0.2-4                      | 13.8                   | 12                           |
| <b>UHF Amplifiers/Power Supply Built Internally (420-512 MHz)</b>                          |                        |                             |                            |                        |                              |
| <i>Note: Specify input drive levels &amp; specific transmit frequency at time of order</i> |                        |                             |                            |                        |                              |
| PSU100-XXRF  | 420-512                | 100                         | 40-50                      | 13.8                   | 14                           |
| PSU100-XXRF  | 420-512                | 100                         | 9-39                       | 13.8                   | 20                           |
| PSU100-XXRF  | 420-512                | 100                         | 3-8                        | 13.8                   | 20                           |
| PSU100-XXRF  | 420-512                | 100                         | 0.2-2                      | 13.8                   | 20                           |
| PSU050-XXRF  | 420-512                | 50                          | 9-25                       | 13.8                   | 8                            |
| PSU050-XXRF  | 420-512                | 50                          | 3-8                        | 13.8                   | 10                           |
| PSU050-XXRF  | 420-512                | 50                          | 0.2-2                      | 13.8                   | 12                           |
| <b>800 MHz Amplifiers/Power Supply Built Internally (800-900 MHz)</b>                      |                        |                             |                            |                        |                              |
| <i>Note: Specify input drive levels &amp; specific transmit frequency at time of order</i> |                        |                             |                            |                        |                              |
| PS8VC075-XXRF  | 800-900                | 75                          | 7-25                       | 13.8                   | 20                           |
| PS8VC075-XXRF  | 800-900                | 75                          | 0.2-6                      | 13.8                   | 22                           |
| PS8VC040-XXRF  | 800-900                | 40                          | 7-15                       | 13.8                   | 12                           |
| PS8VC040-XXRF  | 800-900                | 40                          | 0.2-6                      | 13.8                   | 13                           |
| PS8VC015-XXRF  | 800-900                | 15                          | 0.2-10                     | 13.8                   | 10                           |
| <b>900 MHz Amplifiers/Power Supply Built Internally (900-960 MHz)</b>                      |                        |                             |                            |                        |                              |
| <i>Note: Specify input drive levels &amp; specific transmit frequency at time of order</i> |                        |                             |                            |                        |                              |
| PS9VC035-XXRF  | 900-960                | 35                          | 15-25                      | 13.8                   | 12                           |
| PS9VC035-XXRF  | 900-960                | 35                          | 7-14                       | 13.8                   | 13                           |
| PS9VC035-XXRF  | 900-960                | 35                          | 0.2-6                      | 13.8                   | 13                           |

| Model Number                             | Output Voltage | Input Volatge | Max Amperes |
|--|----------------|---------------|-------------|
| <b>Power Supplies</b>                    |                |               |             |
| <b>13.8, 28 &amp; 48 Output Volatges</b> |                |               |             |
| DPS-30                                   | 13.8           | 90-130        | 30          |
| DPS-45                                   | 13.8           | 90-130        | 45          |
| DPS-55                                   | 13.8           | 90-130        | 55          |
| DPS-75                                   | 13.8           | 90-130        | 75          |
| RM-2512                                  | 13.8           | 110 or 220    | 20          |
| RM-5012                                  | 13.8           | 110 or 220    | 36          |
| RM-7512                                  | 13.8           | 110 or 220    | 54          |
| RM-10012                                 | 13.8           | 110 or 220    | 74          |
| 19" Rack Panel                           | *              | *             | *           |

**Model Number**

|                                    |   |
|------------------------------------|---|
| <b>By-Pass Circuits</b>            |   |
| <b>Receive By-Pass Circuits</b>    |   |
| BP-1                               | Provides RF sensing receive bypass for transceiver operation.<br>Required if the receive path must go through the amplifier.<br>(Rated for 100-180 Watts VHF)                     |
| BP-2                               | Provides RF sensing receive bypass for transceiver operation.<br>Required if the receive path must go through the amplifier.<br>(Rated for 300-500 Watts VHF & 100-200 Watts UHF) |
| <b>Power Down By-Pass Circuits</b> |   |
| <b>Receive By-Pass Circuits</b>    |   |
| BDBP-1                             | Provides RF bypass when DC power is lost.<br>(Rated for 100-180 Watts VHF)  |
| BDBP-2                             | Provides RF bypass when DC power is lost.<br>(Rated for 300-500 Watts VHF & 100-200 Watts UHF)  |
| <b>Power Control Option</b>        |   |
| Power Control                      | Provides output power adjustment over a limited range for fine tuning only.<br>(Check with factory for applicable units.)   |
| <b>Mrga-Sinks</b>                  |   |
| <b>Heavy Duty Extrusions</b>       |   |
| MHP-12.5"                          | 12.5 Inch Heavy Duty Heatsink<br>Manufactured for VHF & UHF 50 & 100 Watts Con't Duty Amps only.  |
| MHP-15"                            | 15 Inch Heavy Duty Heatsink<br>Manufactured for VHF 180 & 300, & UHF 200 Watt Con't Duty Amps only.   |
| MHP-2x15"                          | Two 15" Inch Heavy Duty Heatsinks<br>Manufactured for VHF 500, & UHF 350 Watt Con't Duty Amplifiers only.   |