

## SPECIFICATIONS

|                        |                          |
|------------------------|--------------------------|
| <b>Input (Primary)</b> | 95-132 VAC (Portable)    |
|                        | 95-132 VAC (Hardwired) ② |
|                        | 166-228 VAC              |
|                        | 192-264 VAC              |
|                        | 384-528 VAC              |
| <b>Phase:</b>          | 1 Phase                  |

|                           |                                                         |
|---------------------------|---------------------------------------------------------|
| <b>Output (Secondary)</b> | 120 VAC (Portable)<br>120/208/240 VAC (Hardwire)        |
| <b>Load Range</b>         | 0-100%                                                  |
| <b>Regulation</b>         | ± 3% for line/load changes                              |
| <b>Attenuation</b>        | 120 db Common Mode Noise<br>60 db Transverse Mode Noise |
| <b>Audible Noise</b>      | Below ANSI std. C 89.2                                  |

## SELECTION CHARTS

## GROUP I

## PORTABLE MODELS — POWER LINE CONDITIONERS

95-132 VOLT PRIMARY — 120 VOLT SECONDARY — 1Ø, 60 Hz



| KVA<br>SIZE | CATALOG<br>NUMBER | APPROX. DIMENSIONS<br>INCHES (CM.) |                 |                 |                |                 | TYPE<br>MTG. | APPROX.<br>SHIP WEIGHT<br>LBS. (KG.) | FIGURE | ELECTRICAL<br>CONNECTIONS           |
|-------------|-------------------|------------------------------------|-----------------|-----------------|----------------|-----------------|--------------|--------------------------------------|--------|-------------------------------------|
|             |                   | A<br>HEIGHT                        | B<br>WIDTH      | C<br>DEPTH      | D              | E               |              |                                      |        |                                     |
| 0.25        | PLC85000          | 8.13<br>(20.7)                     | 6.31<br>(16.0)  | 11.38<br>(28.9) | 5.25<br>(13.3) | 5.69<br>(14.5)  | P            | 29<br>(13.2)                         | E      | Two, ea. outlet rated 15A max.      |
| 0.50        | PLC85001          | 9.13<br>(23.2)                     | 7.50<br>(19.1)  | 13.63<br>(34.6) | 6.38<br>(16.2) | 7.19<br>(18.3)  | P            | 45<br>(20.4)                         | E      | Two, ea. outlet rated 15A max.      |
| 0.75        | PLC85002          | 10.94<br>(27.8)                    | 7.50<br>(19.1)  | 15.63<br>(39.7) | 6.38<br>(16.2) | 7.19<br>(18.3)  | P            | 60<br>(27.2)                         | E      | Two, ea. outlet rated 15A max.      |
| 1.00        | PLC85003          | 10.94<br>(27.8)                    | 10.69<br>(27.2) | 17.63<br>(44.8) | 8.31<br>(21.1) | 10.88<br>(27.6) | P            | 72<br>(32.7)                         | E      | Three, ea. outlet rated at 15A max. |
| 2.00        | PLC85004          | 12.50<br>(31.8)                    | 11.44<br>(29.1) | 20.19<br>(51.3) | 9.75<br>(24.8) | 12.25<br>(31.1) | P            | 135<br>(61.2)                        | E      | Three, ea. outlet rated at 15A max. |

P = Portable

## GROUP II

## HARDWIRED MODELS — CONSTANT VOLTAGE REGULATORS

95-132 X 166-228 X 192-264 X 384-528 VOLT PRIMARY — 120/208/240 VOLT SECONDARY — 1Ø, 60 Hz



| KVA<br>SIZE | CATALOG<br>NUMBER | APPROX. DIMENSIONS <sup>③</sup><br>INCHES (CM.) |                  |                 |                 |                 |                 |              |                          |                 | TYPE<br>MTG.     | APPROX.<br>SHIP WEIGHT<br>LBS. (KG.) | FIGURE | WIRING<br>DIAGRAMS<br>SEE PAGE 147 |
|-------------|-------------------|-------------------------------------------------|------------------|-----------------|-----------------|-----------------|-----------------|--------------|--------------------------|-----------------|------------------|--------------------------------------|--------|------------------------------------|
|             |                   | A<br>HEIGHT                                     | B<br>WIDTH       | C<br>DEPTH      | D               | E               | F               | G            | H                        | J               |                  |                                      |        |                                    |
| 0.25        | T169430           | 15.50<br>(39.4)                                 | 6.30<br>(16.0)   | 5.80<br>(14.7)  | 5.63<br>(14.3)  | 8.13<br>(20.7)  | 9.30<br>(23.6)  | 1.2<br>(3.0) | .41 x .81<br>(1.0 x 2.1) | 5.00<br>(12.7)  | F&W              | 37<br>(16.8)                         | II     | 16                                 |
| 0.35        | T169431           | 17.00<br>(43.2)                                 | 7.00<br>(17.8)   | 7.30<br>(18.5)  | 5.63<br>(14.3)  | 8.13<br>(20.7)  | 9.40<br>(23.9)  | 2.3<br>(5.8) | .41 x .81<br>(1.0 x 2.1) | 6.50<br>(16.5)  | F&W              | 51<br>(23.1)                         | II     | 16                                 |
| 0.50        | T169432           | 17.00<br>(43.2)                                 | 7.00<br>(17.8)   | 7.30<br>(18.5)  | 5.63<br>(14.3)  | 8.13<br>(20.7)  | 9.40<br>(23.9)  | 2.3<br>(5.8) | .41 x .81<br>(1.0 x 2.1) | 6.50<br>(16.5)  | F&W              | 53<br>(24.0)                         | II     | 16                                 |
| 0.75        | T169433           | 17.00<br>(43.2)                                 | 7.00<br>(17.8)   | 7.30<br>(18.5)  | 5.63<br>(14.3)  | 8.13<br>(20.7)  | 9.40<br>(23.9)  | 2.3<br>(5.8) | .41 x .81<br>(1.0 x 2.1) | 6.50<br>(16.5)  | F&W              | 65<br>(29.5)                         | II     | 16                                 |
| 1.00        | T169434           | 18.50<br>(47.0)                                 | 6.50<br>(16.5)   | 8.55<br>(21.7)  | 5.63<br>(14.3)  | 8.13<br>(20.7)  | 9.50<br>(24.1)  | 2.3<br>(5.8) | .41 x .81<br>(1.0 x 2.1) | 7.75<br>(19.7)  | F&W              | 82<br>(37.2)                         | II     | 16                                 |
| 2.00        | T169435           | 19.00<br>(48.3)                                 | 10.50<br>(26.7)  | 10.20<br>(25.9) | 6.00<br>(15.2)  | 12.00<br>(30.5) | 13.25<br>(33.7) | 2.3<br>(5.8) | .44 x .63<br>(1.1 x 1.6) | 9.40<br>(23.9)  | F&W              | 142<br>(64.4)                        | III    | 16                                 |
| 3.00        | T169436           | 19.00<br>(48.3)                                 | 10.50<br>(26.7)  | 10.20<br>(25.9) | 6.00<br>(15.2)  | 12.00<br>(30.5) | 13.25<br>(33.7) | 2.3<br>(5.8) | .44 x .63<br>(1.1 x 1.6) | 9.40<br>(23.9)  | F&W              | 176<br>(79.8)                        | III    | 16                                 |
| 5.00        | T169437           | 22.00<br>(55.9)                                 | 12.54<br>(31.9)  | 12.20<br>(31.0) | 6.00<br>(15.2)  | 14.00<br>(35.6) | 15.25<br>(38.7) | 2.3<br>(5.8) | .44 x .63<br>(1.1 x 1.6) | 11.40<br>(29.0) | F&W              | 295<br>(134.0)                       | III    | 16                                 |
| 10.00       | T169438           | 23.06<br>(58.6)                                 | 27.31<br>(69.4)  | 24.06<br>(61.1) | 18.00<br>(45.7) | 25.50<br>(64.8) | —               | —            | .56<br>(1.4)             | —               | F&W <sup>①</sup> | 605<br>(274.0)                       | IV     | 16                                 |
| 15.00       | T169439           | 23.06<br>(58.6)                                 | 40.13<br>(101.9) | 24.06<br>(61.1) | 18.00<br>(45.7) | 38.31<br>(97.3) | —               | —            | .56<br>(1.4)             | —               | F                | 880<br>(399.0)                       | IV     | 16                                 |

F = Floor W = Wall

① Wall mounting brackets required for this size. Refer to Page 157.

② All hardwired models will accommodate these primary input voltages.

③ Dimensions not suitable for construction. Contact factory.