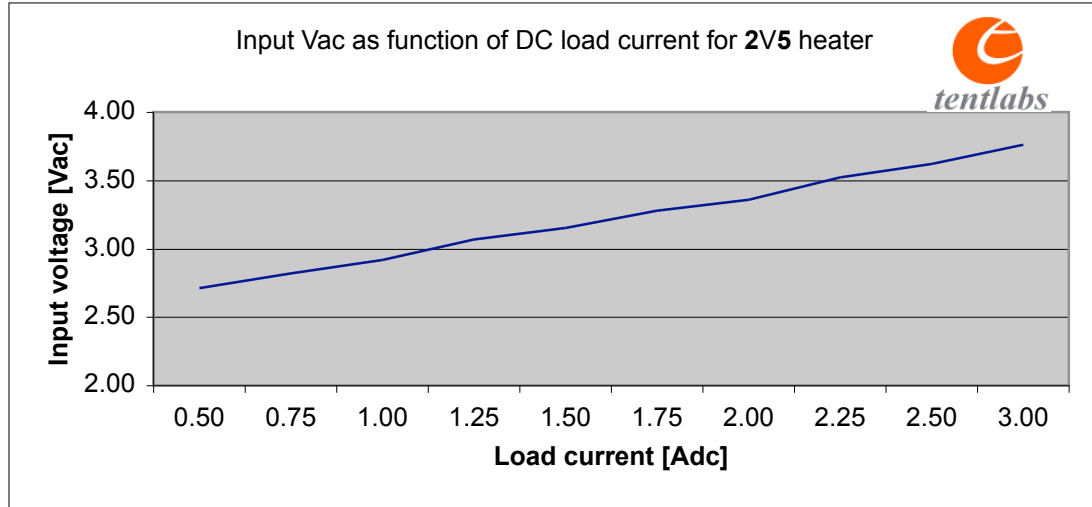
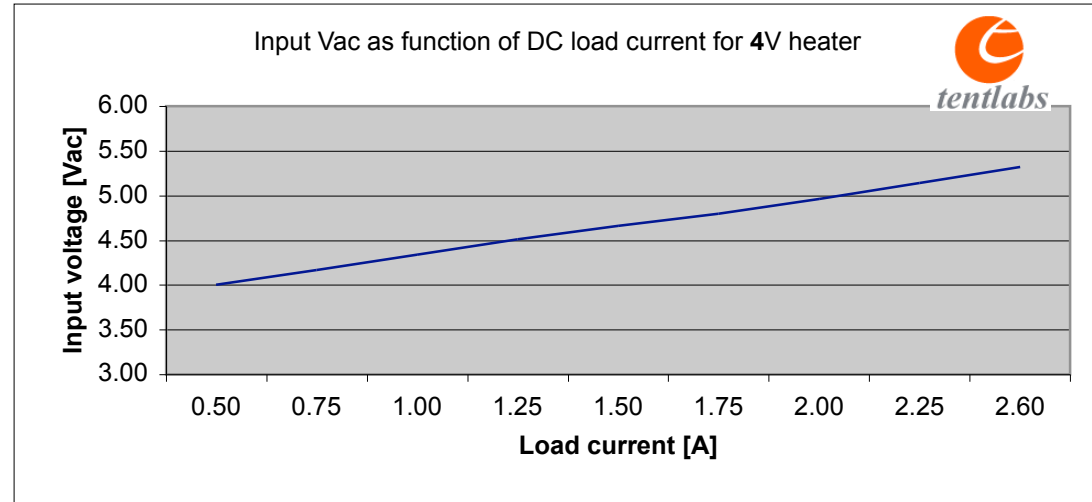


These graphs show the required AC input voltage as function of the DC output voltage and load current
 Find the required output voltage, look at load current (Adc) and read the required input voltage (Vac) and current (Aac)

| Vdc out | Vac in min | Adc load | Vac advise | Aac trafo |
|---------|------------|----------|------------|-----------|
| 2.5 | 2.71 | 0.50 | 3.0 | 0.8 |
| 2.5 | 2.82 | 0.75 | 3.1 | 1.1 |
| 2.5 | 2.92 | 1.00 | 3.2 | 1.5 |
| 2.5 | 3.07 | 1.25 | 3.4 | 1.8 |
| 2.5 | 3.15 | 1.50 | 3.5 | 2.2 |
| 2.5 | 3.28 | 1.75 | 3.6 | 2.5 |
| 2.5 | 3.36 | 2.00 | 3.7 | 2.9 |
| 2.5 | 3.52 | 2.25 | 3.9 | 3.2 |
| 2.5 | 3.62 | 2.50 | 4.0 | 3.6 |
| 2.5 | 3.76 | 3.00 | 4.1 | 4.3 |

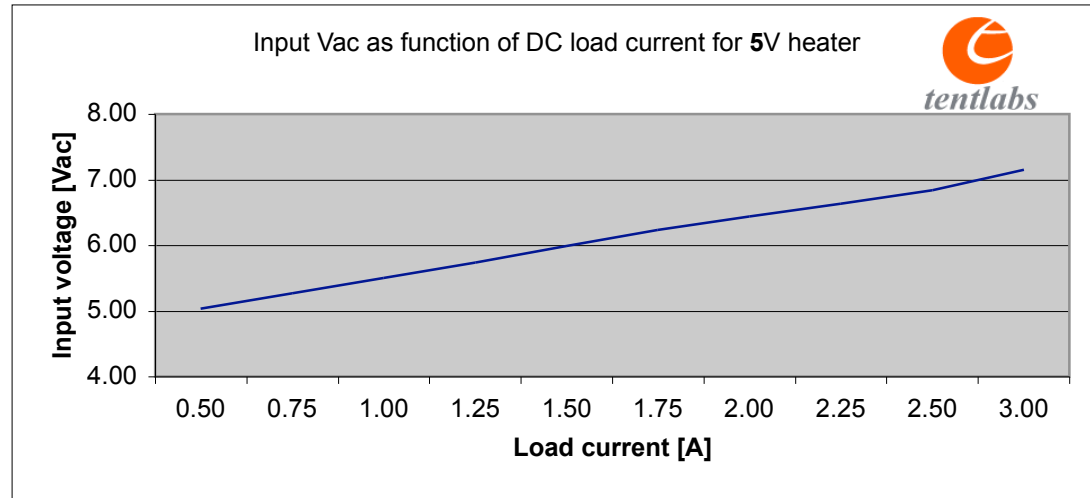


| Vdc out | Vac in min | Adc load | Vac advise | Aac trafo |
|---------|------------|----------|------------|-----------|
| 4.0 | 4.00 | 0.50 | 4.4 | 0.8 |
| 4.0 | 4.17 | 0.75 | 4.6 | 1.1 |
| 4.0 | 4.34 | 1.00 | 4.7 | 1.5 |
| 4.0 | 4.51 | 1.25 | 4.9 | 1.8 |
| 4.0 | 4.66 | 1.50 | 5.1 | 2.2 |
| 4.0 | 4.80 | 1.75 | 5.2 | 2.5 |
| 4.0 | 4.96 | 2.00 | 5.4 | 2.9 |
| 4.0 | 5.14 | 2.25 | 5.6 | 3.2 |
| 4.0 | 5.32 | 2.60 | 5.8 | 3.7 |



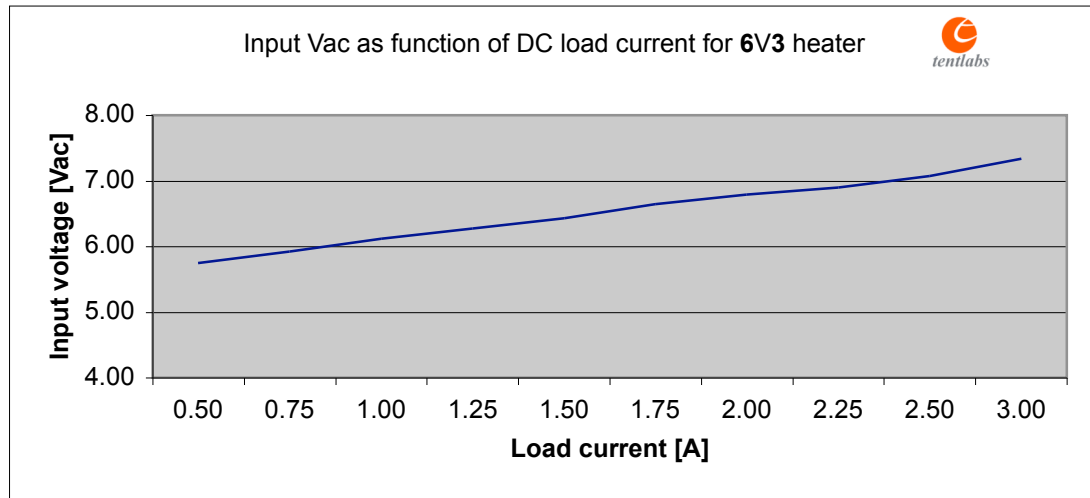
Vdc Vac Adc Vac Aac
out in min load advise trafo

| | | | | |
|-----|------|------|-----|-----|
| 5.0 | 5.03 | 0.50 | 5.5 | 0.8 |
| 5.0 | 5.27 | 0.75 | 5.7 | 1.1 |
| 5.0 | 5.50 | 1.00 | 6.0 | 1.5 |
| 5.0 | 5.74 | 1.25 | 6.2 | 1.8 |
| 5.0 | 5.99 | 1.50 | 6.5 | 2.2 |
| 5.0 | 6.23 | 1.75 | 6.8 | 2.5 |
| 5.0 | 6.44 | 2.00 | 7.0 | 2.9 |
| 5.0 | 6.63 | 2.25 | 7.2 | 3.2 |
| 5.0 | 6.84 | 2.50 | 7.4 | 3.6 |
| 5.0 | 7.15 | 3.00 | 7.8 | 4.3 |



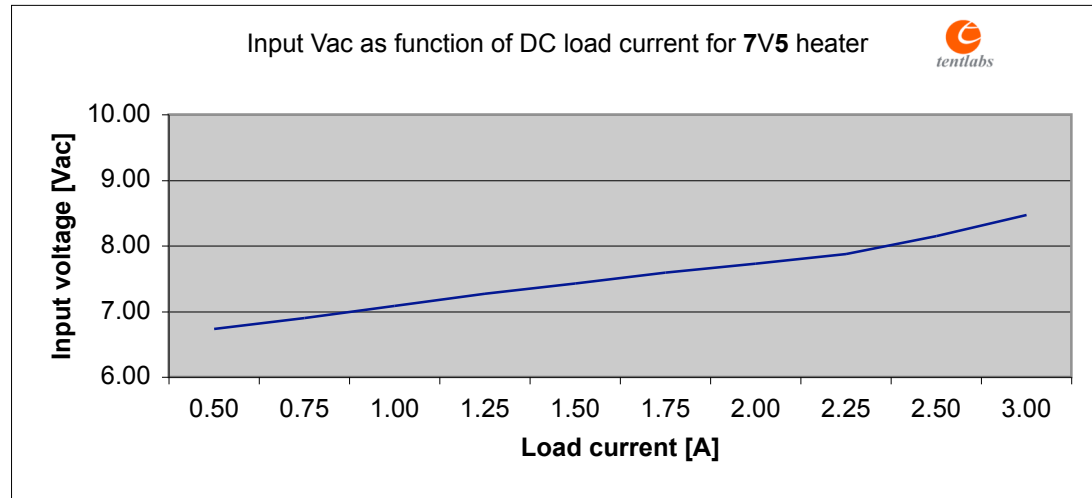
Vdc Vac Adc Vac Aac
out in min load advise trafo

| | | | | |
|-----|------|------|-----|-----|
| 6.3 | 5.75 | 0.50 | 6.3 | 0.8 |
| 6.3 | 5.92 | 0.75 | 6.4 | 1.1 |
| 6.3 | 6.12 | 1.00 | 6.7 | 1.5 |
| 6.3 | 6.27 | 1.25 | 6.8 | 1.8 |
| 6.3 | 6.43 | 1.50 | 7.0 | 2.2 |
| 6.3 | 6.64 | 1.75 | 7.2 | 2.5 |
| 6.3 | 6.79 | 2.00 | 7.4 | 2.9 |
| 6.3 | 6.90 | 2.25 | 7.5 | 3.2 |
| 6.3 | 7.07 | 2.50 | 7.7 | 3.6 |
| 6.3 | 7.34 | 3.00 | 8.0 | 4.3 |
| 6.3 | | | | |



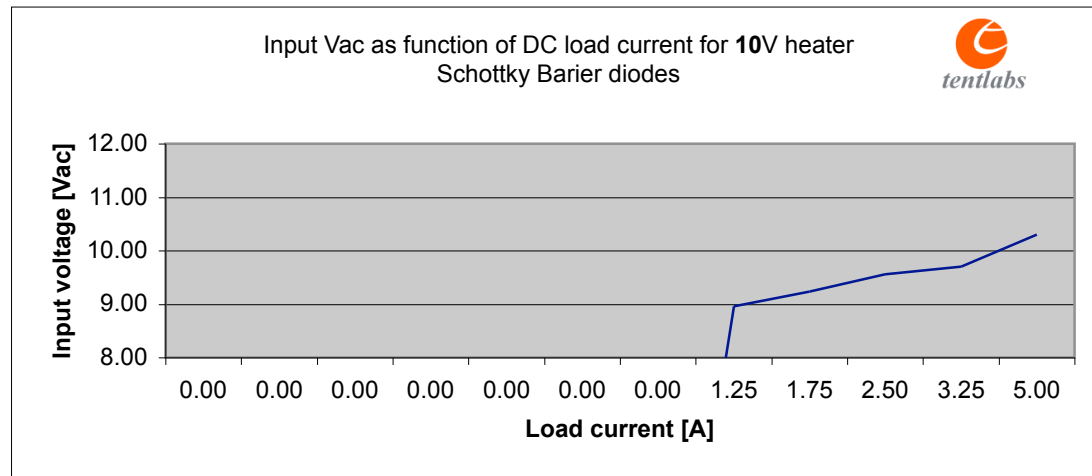
| Vdc out | Vac in min | Adc load | Vac advise | Aac trafo |
|---------|------------|----------|------------|-----------|
|---------|------------|----------|------------|-----------|

| | | | | |
|-----|------|------|-----|-----|
| 7.5 | 6.73 | 0.50 | 7.3 | 0.8 |
| 7.5 | 6.90 | 0.75 | 7.5 | 1.1 |
| 7.5 | 7.08 | 1.00 | 7.7 | 1.5 |
| 7.5 | 7.27 | 1.25 | 7.9 | 1.8 |
| 7.5 | 7.42 | 1.50 | 8.1 | 2.2 |
| 7.5 | 7.59 | 1.75 | 8.2 | 2.5 |
| 7.5 | 7.73 | 2.00 | 8.4 | 2.9 |
| 7.5 | 7.87 | 2.25 | 8.5 | 3.2 |
| 7.5 | 8.15 | 2.50 | 8.9 | 3.6 |
| 7.5 | 8.47 | 3.00 | 9.2 | 4.3 |



| Vdc out | Vac in min | Adc load | Vac advise | Aac trafo |
|---------|------------|----------|------------|-----------|
|---------|------------|----------|------------|-----------|

| | | | | |
|------|-------|------|------|-----|
| 10.0 | 0.00 | 0.00 | 0.0 | 0.0 |
| 10.0 | 0.00 | 0.00 | 0.0 | 0.0 |
| 10.0 | 0.00 | 0.00 | 0.0 | 0.0 |
| 10.0 | 0.00 | 0.00 | 0.0 | 0.0 |
| 10.0 | 0.00 | 0.00 | 0.0 | 0.0 |
| 10.0 | 0.00 | 0.00 | 0.0 | 0.0 |
| 10.0 | 0.00 | 0.00 | 0.0 | 0.0 |
| 10.0 | 0.00 | 0.00 | 0.0 | 0.0 |
| 10.0 | 0.00 | 0.00 | 0.0 | 0.0 |
| 10.0 | 8.96 | 1.25 | 9.7 | 1.8 |
| 10.0 | 9.23 | 1.75 | 10.0 | 2.5 |
| 10.0 | 9.56 | 2.50 | 10.4 | 3.6 |
| 10.0 | 9.70 | 3.25 | 10.5 | 4.6 |
| 10.0 | 10.30 | 5.00 | 11.2 | 8.0 |



Vdc Vac Adc
out in min load
Note: Gemeten met SB brug
12.6
12.6
12.6 11.00 1.00
12.6
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