

Selection Tables: Single Phase

Group 1 – 240 x 480 Volt Primary, 120/240 Secondary, 60 Hz



Listed



Certified

| KVA | Catalog Number | NEMA 3R Weather Shield | Height (inch) | Width (inch) | Depth (inch) | Ship Weight Approx. (lbs) | Design Style | Elec Conn | Primary Amps | Secondary Amps |
|-------------------------------------------------------------------------------|----------------|------------------------|---------------|--------------|--------------|---------------------------|--------------|-----------|--------------|----------------|
| Non-Encapsulated | | | | | | | | | | |
| .050 | HS1B50 | N/A | 6 | 4 | 3 | 3 | 2 | 1 | .208/.104 | .416/.208 |
| .075 | HS1B75 | | 6 | 4 | 3 | 3 | 2 | 1 | .312/.156 | .625/.312 |
| .100 | HS1B100 | | 6 | 4 | 3 | 4 | 2 | 1 | .417/.208 | .833/.417 |
| .150 | HS1B150 | | 8 | 4 | 4 | 5 | 2 | 1 | .625/.313 | 1.25/.625 |
| .250 | HS1B250 | | 8 | 4 | 4 | 8 | 2 | 1 | 1.04/.512 | 2.08/1.04 |
| Encapsulated (See the Hazardous Location section for higher KVA units) | | | | | | | | | | |
| .500 | HS1F500B | N/A | 10 | 6 | 5 | 22 | 3 | 1 | 2.08/1.04 | 4.16/2.08 |
| .750 | HS1F750B | | 10 | 6 | 5 | 23 | 3 | 1 | 3.13/1.56 | 6.25/3.13 |
| 1 | HS1F1BS | | 10 | 6 | 5 | 28 | 3 | 2 | 4.17/2.08 | 8.33/4.17 |
| 1.5 | HS1F1.5AS | | 12 | 10 | 7 | 39 | 4 | 2 | 6.25/3.13 | 12.5/6.25 |
| 2 | HS1F2AS | | 12 | 10 | 7 | 47 | 4 | 2 | 8.33/4.17 | 16.7/8.33 |
| 3 | HS5F3AS | | 12 | 10 | 7 | 55 | 4 | 3 | 12.5/6.25 | 25.0/12.5 |
| 5 | HS5F5AS | | 17 | 14 | 9 | 104 | 4 | 3 | 20.8/10.4 | 41.6/20.8 |
| 7.5 | HS5F7.5AS | | 17 | 14 | 9 | 135 | 4 | 4 | 31.3/15.6 | 62.5/31.3 |
| 10 | HS5F10AS | | 17 | 14 | 9 | 156 | 4 | 4 | 41.7/20.8 | 83.3/41.7 |
| Ventilated | | | | | | | | | | |
| 15 | S5H15S | WS-01 | 23 | 14 | 16 | 162 | 1 | 5 | 62.5/31.3 | 125/62.5 |
| 25 | S5H25S | WS-15 | 28 | 16 | 16 | 254 | 1 | 5 | 104/52.1 | 208/104 |
| 37.5 | S5H37S | WS-17 | 31 | 18 | 18 | 281 | 1 | 5 | 156/78 | 313/156 |
| 50 | S5H50S | WS-17 | 31 | 18 | 18 | 350 | 1 | 5 | 208/104 | 416/208 |
| 75 | S5H75S | WS-09 | 44 | 23 | 21 | 605 | 1 | 5 | 313/156 | 625/313 |
| 100 | S5H100S | WS-09 | 44 | 23 | 21 | 694 | 1 | 5 | 417/208 | 833/417 |
| 167 | S5H167S | WS-16 | 46 | 26 | 24 | 929 | 1 | 5 | 695/348 | 1392/695 |

Group 2 – 120/208/240/277 Volt Primary, 120/240 Secondary, 60 Hz

| KVA | Catalog Number | NEMA 3R Weather Shield* | Height (inch) | Width (inch) | Depth (inch) | Ship Weight Approx. (lbs) | Design Style | Elec Conn | Primary Amps | Secondary Amps |
|---------------------|----------------|-------------------------|---------------|--------------|--------------|---------------------------|--------------|-----------|--------------|----------------|
| Encapsulated | | | | | | | | | | |
| 1 | HS12F1BS | N/A | 10 | 6 | 5 | 29 | 3 | 9 | 3.6 | 8.33/4.17 |
| 1.5 | HS12F1.5AS | | 12 | 10 | 7 | 40 | 4 | 10 | 5.4 | 12.5/6.25 |
| 2 | HS12F2AS | | 12 | 10 | 7 | 60 | 4 | 10 | 7.2 | 16.7/8.33 |
| 3 | HS12F3AS | | 12 | 10 | 7 | 66 | 4 | 10 | 10.8 | 25.0/12.5 |
| 5 | HS12F5AS | | 17 | 14 | 9 | 104 | 4 | 10 | 18 | 41.6/20.8 |
| 7.5 | HS12F7.5AS | | 17 | 14 | 9 | 135 | 4 | 10 | 27.1 | 62.5/31.3 |
| 10 | HS12F10AS | | 17 | 14 | 9 | 156 | 4 | 10 | 36.1 | 83.3/41.7 |
| Ventilated | | | | | | | | | | |
| 15 | S12H15S | WS-01 | 23 | 14 | 16 | 162 | 1 | 11 | 54.2 | 125/62.5 |
| 25 | S12H25S | WS-15 | 28 | 16 | 16 | 254 | 1 | 11 | 90.3 | 208/104 |

* Weather shields (set of two) must be ordered separately.

**Amperage calculated at 277 Volts on primary.

Visit our website at www.solaheviduty.com or
contact **Technical Services** at (800) 377-4384 with any questions.

Selection Tables: Single Phase

Group 3 – 600 Volt Primary, 120/240 Secondary, 60 Hz



| KVA | Catalog Number | NEMA 3R Weather Shield* | Height (inch) | Width (inch) | Depth (inch) | Ship Weight Approx. (lbs) | Design Style | Elec Conn | Primary Amps** | Secondary Amps |
|-------------------------|----------------|-------------------------|---------------|--------------|--------------|---------------------------|--------------|-----------|----------------|----------------|
| Non-Encapsulated | | | | | | | | | | |
| .100 | HS10B100 | N/A | 6 | 4 | 3 | 4 | 2 | 6 | 0.167 | .833/.417 |
| .150 | HS10B150 | | 8 | 4 | 4 | 5 | 2 | 6 | 0.25 | 1.25/.625 |
| .250 | HS10B250 | | 8 | 4 | 4 | 8 | 2 | 6 | 0.417 | 2.08/1.04 |
| Encapsulated | | | | | | | | | | |
| .500 | HS10F500B | N/A | 10 | 6 | 5 | 22 | 3 | 6 | 0.833 | 4.16/2.08 |
| .750 | HS10F750B | | 10 | 6 | 5 | 23 | 3 | 6 | 1.25 | 6.25/3.13 |
| 1 | HS10F1BS | | 10 | 6 | 5 | 28 | 3 | 6 | 1.67 | 8.33/4.17 |
| 1.5 | HS10F1.5AS | | 12 | 10 | 7 | 38 | 4 | 6 | 2.5 | 12.5/6.25 |
| 2 | HS10F2AS | | 12 | 10 | 7 | 60 | 4 | 6 | 3.33 | 16.7/8.33 |
| 3 | HS10F3AS | | 12 | 10 | 7 | 66 | 4 | 7 | 5 | 25.0/12.5 |
| 5 | HS10F5AS | | 17 | 14 | 9 | 100 | 4 | 7 | 8.3 | 41.6/20.8 |
| 7.5 | HS10F7.5AS | | 17 | 14 | 9 | 135 | 4 | 7 | 12.5 | 62.5/31.3 |
| 10 | HS10F10AS | | 17 | 14 | 9 | 150 | 4 | 7 | 16.7 | 83.3/41.7 |
| Ventilated | | | | | | | | | | |
| 15 | S10H15S | WS-01 | 23 | 14 | 16 | 162 | 1 | 8 | 25 | 125/62.5 |
| 25 | S10H25S | WS-15 | 28 | 16 | 16 | 254 | 1 | 8 | 41.7 | 208/104 |
| 37.5 | S10H37S | WS-17 | 31 | 18 | 18 | 281 | 1 | 8 | 62.5 | 313/156 |
| 50 | S10H50S | WS-17 | 31 | 18 | 18 | 350 | 1 | 8 | 83.3 | 416/208 |
| 75 | S10H75S | WS-09 | 44 | 23 | 21 | 605 | 1 | 8 | 125 | 625/313 |
| 100 | S10H100S | WS-09 | 44 | 23 | 21 | 694 | 1 | 8 | 167 | 833/417 |
| 167 | S10H167S | WS-16 | 46 | 26 | 24 | 929 | 1 | 8 | 278 | 1392/695 |

* Weather shields (set of two) must be ordered separately.

** Amperage calculated at 277 Volts on primary.

Group 4 – Export 190/200/208/220/380/400/415/440 Volt Primary, 110/220 Secondary, 50/60 Hz Copper wound

| KVA | Catalog Number | NEMA 3R Weather Shield* | Height (inch) | Width (inch) | Depth (inch) | Ship Weight Approx. (lbs) | Design Style | Elec Conn | Primary Amps** | Secondary Amps |
|-------------------------------------|----------------|-------------------------|---------------|--------------|--------------|---------------------------|--------------|-----------|----------------|----------------|
| Encapsulated, Copper Wound | | | | | | | | | | |
| 1 | HS14F1BS | N/A | 10 | 6 | 5 | 34 | 3 | 12 | 4.5/2.3 | 9.1/4.5 |
| 1.5 | HS14F1.5BS | N/A | 12 | 10 | 7 | 40 | 4 | 13 | 6.8/3.4 | 13.6/6.8 |
| 2 | HS14F2BS | N/A | 12 | 10 | 7 | 60 | 4 | 13 | 9.1/4.5 | 18.2/9.1 |
| 3 | HS14F3BS | N/A | 12 | 10 | 7 | 73 | 4 | 13 | 13.6/6.8 | 27.3/13.6 |
| 5 | HS14F5BS | N/A | 17 | 14 | 9 | 100 | 4 | 13 | 22.7/11.4 | 45.5/22.7 |
| 7.5 | HS14F7.5BS | N/A | 17 | 14 | 9 | 140 | 4 | 13 | 34.1/17.0 | 68.2/34.1 |
| 10 | HS14F10BS | N/A | 17 | 14 | 9 | 175 | 4 | 13 | 45.5/22.7 | 90.9/45.5 |
| Ventilated, Not Copper Wound | | | | | | | | | | |
| 15 | S14H15S | WS-01 | 23 | 14 | 16 | 168 | 1 | 14 | 68.2/34.1 | 136.4/68.2 |
| 25 | S14H25S | WS-15 | 28 | 16 | 16 | 254 | 1 | 14 | 113.6/56.8 | 227.3/113.6 |

* Weather shields (set of two) must be ordered separately.

** Amperage calculated at 220/440 Volts on primary. UL Listed, CSA Certified and CE Marked. 240 & 480 V not available at 50 Hz.