

| ATS Product SERIES                           |                                                                                   |                                                                                     |                                                                                     |
|----------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                              |  |  |  |
| Comparison Features                          | 185                                                                               | 300                                                                                 | 7000                                                                                |
| Intended Application                         | Residential<br>Light Commercial                                                   | Commercial<br>Light Industrial                                                      | Mission Critical<br>Critical Power                                                  |
| Ampere sizes available                       | 100 - 400                                                                         | 30 - 3,000                                                                          | 30 - 4,000                                                                          |
| Phases Available                             | Single                                                                            | Single or Three                                                                     | Single or Three                                                                     |
| Pole Counts Available                        | 2                                                                                 | 2, 3 or 4                                                                           | 2, 3 or 4                                                                           |
| Nominal Voltage (LV)                         | 240V                                                                              | 208 - 600V                                                                          | 208 - 600V                                                                          |
| Nominal Voltage (MV)                         | -                                                                                 | -                                                                                   | 2.4KV - 13.8KV                                                                      |
| <b>Product Type</b>                          |                                                                                   |                                                                                     |                                                                                     |
| Open Transition Transfer Switch              | Yes                                                                               | Yes                                                                                 | Yes                                                                                 |
| Service Entrance Rated Transfer Switch       | Yes                                                                               | Yes                                                                                 | Yes                                                                                 |
| Power Transfer Load Center                   | -                                                                                 | Yes                                                                                 | Yes                                                                                 |
| Delayed-Transition Transfer Switch           | -                                                                                 | Yes                                                                                 | Yes                                                                                 |
| Closed-Transition Transfer Switch            | -                                                                                 | -                                                                                   | Yes                                                                                 |
| Open-Transition Bypass-Isolation TS          | -                                                                                 | -                                                                                   | Yes                                                                                 |
| Delayed-Transition Bypass-Isolation TS       | -                                                                                 | -                                                                                   | Yes                                                                                 |
| Closed-Transition Bypass-Isolation TS        | -                                                                                 | -                                                                                   | Yes                                                                                 |
| <b>Withstand and Close-On Ratings</b>        |                                                                                   |                                                                                     |                                                                                     |
| WCR When Used with Time Based Ratings        | -                                                                                 | 10 - 100 kA                                                                         | 10 - 100 kA                                                                         |
| WCR When Used with Specific Circuit Breakers | 10kA - 35kA                                                                       | 22 - 100kA                                                                          | 22 - 100kA                                                                          |
| WCR when used with current limiting fuses    | 100 - 200kA                                                                       | 100 - 200kA                                                                         | 100 - 200kA                                                                         |
| Short Time Withstand Rating                  | -                                                                                 | 36 - 65kA                                                                           | 36 - 65kA                                                                           |
| <b>Neutral Configuration Options</b>         |                                                                                   |                                                                                     |                                                                                     |
| Solid                                        | STD                                                                               | STD                                                                                 | Yes                                                                                 |
| Switched                                     | -                                                                                 | Yes                                                                                 | Yes                                                                                 |
| Overlapping                                  | -                                                                                 | -                                                                                   | Yes                                                                                 |
| Ground Termination                           | Yes                                                                               | Yes                                                                                 | Yes                                                                                 |

|                                               |                           | ATS Product SERIES                |                       |                       |
|-----------------------------------------------|---------------------------|-----------------------------------|-----------------------|-----------------------|
| Comparison Features                           |                           | 185                               | 300                   | 7000                  |
| <b>Voltage and Frequency Settings</b>         |                           |                                   |                       |                       |
| Phase Selection                               | Single Phase              | Single or Three Phase             | Single or Three Phase | Single or Three Phase |
| Pick up Normal Source Voltage                 | 198 or 209 Volts          | 85 to 100%                        | 85 to 100%            | 85 to 100%            |
| Drop out Normal Source Voltage                | 154 - 198 Volts           | 70 to 98%                         | 70 to 98%             | 70 to 98%             |
| Pick up Emergency Source Voltage              | 198 Volts                 | 85 to 100%                        | 85 to 100%            | 85 to 100%            |
| Drop out Emergency Source Voltage             | 165 Volts                 | 70 to 98%                         | 70 to 98%             | 70 to 98%             |
| Nominal Frequency                             | 50 or 60Hz                | 50 or 60 Hz                       | 50 or 60 Hz           | 50 or 60 Hz           |
| Pick up Normal Source Frequency               | -                         | 86 to 100%                        | 90 to 100%            | 90 to 100%            |
| Drop out Normal Source Frequency              | -                         | 85 to 98%                         | 85 to 98%             | 85 to 98%             |
| Pick Up Emergency Source Frequency            | 48 or 57Hz                | 86 to 100%                        | 90 to 100%            | 90 to 100%            |
| Drop out Emergency Source Frequency           | 43 or 51Hz                | 85 to 98%                         | 85 to 98%             | 85 to 98%             |
| Normal Overvoltage Trip                       | -                         | 102 to 116%                       | 102 to 115%           | 102 to 115%           |
| Emergency Overvoltage Trip                    | -                         | 102 to 116%                       | 102 to 115%           | 102 to 115%           |
| Normal Overfrequency Trip                     | -                         | 101 to 111%                       | 102 to 110%           | 102 to 110%           |
| Emergency Overfrequency Trip                  | -                         | 101 to 111%                       | 102 to 110%           | 102 to 110%           |
| Normal & Emergency Voltage Unbalance          | -                         | -                                 | Yes                   | Yes                   |
| <b>Time Delay Settings</b>                    |                           |                                   |                       |                       |
| Override Normal Source Momentary Outage       | 1 or 3 Seconds            | 0 to 6 Seconds                    | 0 to 6 Seconds        | 0 to 6 Seconds        |
| Transfer to Emergency                         | 10 Seconds                | 0 to 60 Min 59 Sec                | 0 to 60 Minutes       | 0 to 60 Minutes       |
| Re-transfer to Normal Utility Power Loss Mode | 5 Minutes                 | 0 to 60 Min 59 Sec                | 0 to 60 Minutes       | 0 to 60 Minutes       |
| Engine Cool Down                              | 2 or 5 Minutes            | 0 to 60 Min 59 Sec                | 0 to 60 Minutes       | 0 to 60 Minutes       |
| Override Emergency Source Momentary Outage    | 4 Seconds                 | 0 to 6 Seconds                    | 0 to 60 Minutes       | 0 to 60 Minutes       |
| Engine Exerciser                              | 7 Day                     | Programmable                      | Programmable          | Programmable          |
| <b>Indication and Controls</b>                |                           |                                   |                       |                       |
| Load Connected to Normal                      | Yes                       | Yes                               | Yes                   | Yes                   |
| Load Connected to Emergency                   | Yes                       | Yes                               | Yes                   | Yes                   |
| Normal Source Acceptable                      | Yes                       | Yes                               | Yes                   | Yes                   |
| Emergency Source Acceptable                   | Yes                       | Yes                               | Yes                   | Yes                   |
| Transfer Test Switch                          | Yes                       | Yes                               | Yes                   | Yes                   |
| Terminals For Remote Transfer Control         | STD                       | STD                               | STD                   | STD                   |
| Bypass Time Delay Switch                      | Yes                       | Yes                               | Yes                   | Yes                   |
| Transfer Inhibit                              | -                         | Yes                               | Yes                   | Yes                   |
| In-Phase Monitor                              | -                         | Yes                               | Yes                   | Yes                   |
| Load Disconnect Contacts with Time Delay      | -                         | STD                               | Optional              | Optional              |
| Event Log                                     | -                         | Optional                          | Yes                   | Yes                   |
| Current and Power Metering                    | -                         | Optional                          | Optional              | Optional              |
| Transfer Controls Lock Out                    | -                         | -                                 | Optional              | Optional              |
| <b>Enclosures</b>                             |                           |                                   |                       |                       |
| Type 1                                        | STD                       | STD                               | STD                   | STD                   |
| Type 3R                                       | Optional                  | Optional                          | Optional              | Optional              |
| Type 4                                        | -                         | Optional                          | Optional              | Optional              |
| Type 4X                                       | -                         | Optional                          | Optional              | Optional              |
| Type 12                                       | -                         | Optional                          | Optional              | Optional              |
| <b>Connectivity</b>                           |                           |                                   |                       |                       |
| RS-485 Serial                                 | -                         | Optional                          | Optional              | Optional              |
| Ethernet                                      | Optional                  | Optional                          | Optional              | Optional              |
| Modbus                                        | -                         | Optional                          | Optional              | Optional              |
| Monitoring and Control via ASCO Products      | Optional                  | Optional                          | Optional              | Optional              |
| <b>Optional Accessories</b>                   |                           |                                   |                       |                       |
| Customization Level                           | Field Kits Only - Limited | Preconfigured accessory portfolio | Custom Specified      |                       |