



# BRIGGS & STRATTON® 285 SERIES BY ASCO® RESIDENTIAL/LIGHT COMMERCIAL POWER TRANSFER SWITCHES

## 24-hour protection no matter when trouble strikes

Computers, communication and information systems, security systems, cash registers, heating systems, water heaters, refrigerators and freezers, air conditioners, sump pumps, well pumps... nearly every system in your business or home depends on electric power. It's easy to take that power for granted, but when it fails, the results can be disastrous. Generators can restore power to these vital systems... but they can only operate when someone turns them on! So what do you do when no one is around?



## BRIGGS & STRATTON® THE SMART CHOICE

For the discerning business or home owner who is looking for the smartest, most reliable permanent backup power solution.



## An Automatic Transfer Switch helps prevent...

- Your business or home from losing power during bad weather or utility power equipment failures
- The loss of valuable information needed from your computer to keep your business going or maintain important personal data
- Frozen and ruptured water pipes, flooded basements, as well as loss of heat, well water, air conditioning, sump pump, and other vital systems
- Frozen foods from thawing, and refrigerated foods from spoiling
- Personal injury and generator damage by eliminating the possibility of connecting the utility and generator at the same time

A Briggs & Stratton® 285 Series Automatic Transfer Switch by ASCO® provides all the intelligence your generator needs to make sure the power stays on when utility power fails. It automatically senses loss of utility power, and signals your generator to start and restore power to your business or home. A Series 285

Automatic Transfer Switch will automatically transfer your vital loads back to utility power when it has been restored. Working hand in hand with your generator, a Series 285 Automatic Transfer Switch silently provides dependable 24-hour protection from a power failure, and springs into action only when needed.



RESIDENTIAL/LIGHT COMMERCIAL POWER TRANSFER SWITCHES

Product Features

- User-friendly control interface with intuitive symbols and visual indicators to inform operator of transfer switch and power source status.
- Listed to UL 1008 for optional standby systems, handling total system load including motors and all other electrical loads.
- Meets Article 702, NFPA-70 National Electric Code (NEC) requirements.
- Nominal service voltage up to 480V 50/60Hz, single phase, and 3 phase AC systems.
- Available in 100 through 1000A ratings.
- True double-throw contacts with inherent mechanical interlocking to prevent connection of generator and utility sources.
- Terminals for convenient connection of neutral and ground conductors.
- Auxiliary contacts to indicate switch position (1) contact closed when TS is connected to normal 14A, and (1) contact closed when TS is connected to emergency 14B.
- Available in Type 3R Non-Secure Outdoor enclosure with hinged door design.

Performance Features

- 600 volt spacing per UL and CSA standards.
- Interfacing relays are industrial grade, plug-in type with dust covers.
- Meets or exceeds the requirements for Electromagnetic Compatibility (EMC).
- ANSI C37.90A/IEEE472 Voltage Surge Test
- NEMA ICS-109.21 Impulse Withstand Test
- Digital circuitry isolated from line voltages
- IEC 801-2 Electrostatic discharge (ESD) immunity
- ENV50140 and IEC 803-1: Radiated electromagnetic field immunity
- IEC 801-4 Electrical fast transient (EFT) immunity
- ENV50142 Surge transient immunity
- ENV50141: Conducted radio-frequency field immunity
- EN55011: Group 1, Class A conducted and radiated emissions
- Optically isolated RS-485 Serial Port
- EN61000- 4-11 voltage dips and interruptions immunity



D TYPE ENCLOSURE 100-200 Amps

MODEL NUMBER	FRAME TYPE	PHASE POLES	OUTPUT AMPERAGE	OUTPUT VOLTAGE	ENCLOSURE TYPE	FREQUENCY, HZ
071097-00	D	2	100	240	3R	60
071098-00	D	3	100	208	3R	60
071099-00	D	3	100	240	3R	60
071101-00	D	3	100	220	3R	60
071102-00	D	3	100	415	3R	60
071103-00	D	3	100	480	3R	60
071105-00	D	2	200	240	3R	60
071106-00	D	3	200	208	3R	60
071107-00	D	3	200	240	3R	60
071108-00	D	3	200	415	3R	60
071109-00	D	3	200	480	3R	60

J TYPE ENCLOSURE 400-600 Amps

MODEL NUMBER	FRAME TYPE	PHASE POLES	OUTPUT AMPERAGE	OUTPUT VOLTAGE	ENCLOSURE TYPE	FREQUENCY, HZ
071111-00	J	2	400	240	3R	60
071112-00	J	3	400	208	3R	60
071113-00	J	3	400	240	3R	60
071114-00	J	3	400	415	3R	60
071115-00	J	3	400	480	3R	60
071117-00	J	2	600	240	3R	60
071118-00	J	3	600	208	3R	60
071119-00	J	3	600	240	3R	60
071120-00	J	3	600	415	3R	60
071121-00	J	3	600	480	3R	60

H TYPE ENCLOSURE 800-1000 Amps

MODEL NUMBER	FRAME TYPE	PHASE POLES	OUTPUT AMPERAGE	OUTPUT VOLTAGE	ENCLOSURE TYPE	FREQUENCY, HZ
071123-00	H	2	800	240	3R	60
071124-00	H	3	800	208	3R	60
071125-00	H	3	800	240	3R	60
071126-00	H	3	800	415	3R	60
071127-00	H	3	800	480	3R	60
071141-00	H	2	1000	240	3R	60

**NEED HELP? Just call 800-759-2744**  
 Our technical support team is trained to answer questions on our generators, transfer switches and accessories.

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**FOR MORE INFORMATION PLEASE CONTACT YOUR LOCAL DEALER.**

**FIND A DEALER AT**  
**WWW.BRIGGSandSTRATTON.COM**

All Series 285 transfer switches are UL listed and rated for copper or aluminum conductors with the exception of the 200A D-frame which is rated for copper conductors only. This transfer switch is rated in accordance with UL (Underwriters Laboratories) 1008 (transfer switch equipment).

BRIGGS&STRATTON CORPORATION  
POST OFFICE BOX 702  
MILWAUKEE, WI 53201 USA  
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