

ELECTRIFICATION U.S

Product Life Cycle Announcement

3-Phase SG Series UL UPS 10-300kVA

In accordance with the ABB global strategy the SG (10-300kVA) 3 Phase UPS transitioned to the limited phase of life cycle June 30, 2021 per the Life Cycle Management Process. For process details please visit [Life Cycle Management](#). This product can be replaced with UPS products listed below which are available through authorized ABB distributors and VAR's.

Legacy Product Line (to be replaced)

Replacement Product Line



SG Series 10-300kVA UL



TLE Series 40-150kVA Scaleable UL

TLE Series 160-1000kVA UL

DPA Series 200-300kVA UL

Summary of Life Cycle Change

Use TLE Series UPS 40-150 kW to replace SG Series up to 150 kW, above 150 to 300 kVA use the TLE Series 160-1000kW UL or DPA 200-300 UL.

The SG Series 10-300kVA UPS is no longer available to order. Refer to TLE series UL and DPA 200-300 UL as shown. Service and parts for the SG series will be available until obsolescence.

Feature Highlights of:

TLE Series UPS 40-150 kVA UL

- Scalable 40kW to 150kW
- Capable of 6 units in RPA to 900kW
- Ventilation Front to Top
- Built in static bypass switch
- Easy termination point at the front bottom
- Long Design life of 12 years plus
- Frequency Converter / Conditioner Mode (no batteries)
- Backfeed Protection
- Blackbox – Intelligent Diagnostics
- Matching Accessories: Battery Cabinets, MBP Cabinets, Output Distribution Cabinets
- SNMP Communications Card

TLE Series UPS 160-1000 kVA UL

- Efficiency of up to 96.8% in VFI mode and up to 99% in eBoost mode, reducing operational costs and minimizing energy losses
- RPA for reliability, redundancy and scalability, offering up to six UPSs in parallel and power up to 6MW
- Intelligent energy management integrated operating mode maximizes efficiency at partial load by dynamically configuring the parallel UPS modules
- Variety of options for energy backup available, including lithium-ion batteries
- Advanced control, monitoring and diagnostic capability, ensuring maximum performance of the UPS

- HMI interface with mimic diagram and LCD providing information in five languages
- 99.9999% availability
- Decentralized parallel architecture
- Replace or add modules with no downtime
- Short mean-time-to repair
- No single points of failure
- Scalable from 100kW up to 3MW
- Optimized cabinets – available in 300kW and 500kW
- Vertical and horizontal scalability
- > 96% true online efficiency
- Small footprint/high power density
- Unity power factor (kW = kVA)
- Low input harmonic distortion (THDi < 3.5%)
- Simple power upgrade
- Fast service – low MTTR
- Reduced spare parts needed
- Online-swap modularity (OSM)
- Online serviceability

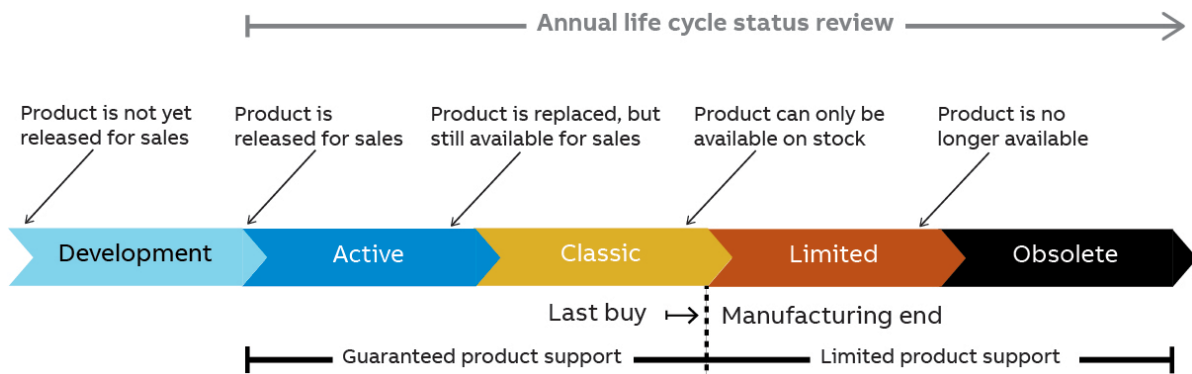
DPA Series UPS 300-500 kVA UL

- 1 to 3 - 100kW rated power modules
- True online double conversion UPS
- Built-in modular isolation
- Built-in backfeed protection
- Individual module display

Lifecycle status change

Life cycle phase status for SG 10-300 kVA UL, 3Phase UPS products transitioned from **Classic** Phase to **Limited** phase per schedule below

<u>UPS Product Family</u>	<u>Classic</u>	<u>Limited</u>	<u>Obsolete</u>
SG UL (10-300kVA)	10/1/2020	6/30/2021	2031



The Limited status means the product is no longer available for sales but for the installed base of SG Series UPS's the service and spare parts will be available until obsolescence.

See Appendix table for product replacements for the SG Series UL 10-300. Information for TLE or DPA can be found on related webpages and/or ABB library.

ABB recommends an ABB service contract to insure priority for parts and service in the future. For further information on the SG Series UL replacement product including ancillary equipment please contact your local regional sales manager.

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APPENDIX

Sales and marketing documents available online at

<https://electrification.us.abb.com/products/uninterruptible-power-supplies-ups>

List of major UPS part numbers affected by the Lifecycle Status change. Additional SG accessories/options also impacted. Contact sales manager.

SG Series	ABB Part Number	Replacement Model	ABB Part Number*
10KVA SG UL	UBS001SGxxxxxxx - 25787	TLE 40kVA to 50 kVA Scaleable	4NWP105714R0001
20KVA SG UL	UBS002SGxxxxxxx - 25788	TLE 40kVA to 50 kVA Scaleable	4NWP105714R0001
30KVA SG UL	UBS003SGxxxxxxx - 25789	TLE 40kVA to 50 kVA Scaleable	4NWP105714R0001
40KVA SG UL	UBS004SGxxxxxxx - 25790	TLE 40kVA or 50 kVA Scaleable	4NWP105714R0001
50KVA SG UL	UBS005SGxxxxxxx - 25791	TLE 40kVA or 50 kVA Scaleable	4NWP105714R0001
80KVA SG UL	UBS008SGxxxxxxx - 25792	TLE 80kVA or 100 kVA Scaleable	4NWP105716R0001
100KVA SG UL	UBS010SGxxxxxxx - 25793	TLE 80kVA or 100 kVA Scaleable	4NWP105716R0001
120KVA SG UL	UBS012SGxxxxxxx - 25794	TLE 120kVA or 150 kVA Scaleable	4NWP105718R0001
150KVA SG UL	UBS015SGxxxxxxx - 25795	TLE 120kVA or 150 kVA Scaleable	4NWP105718R0001
225KVA SG UL	UB1030SGxxxxxxx - 25764	TLE 160-225-250 or DPA 200-300*	4NWP105706R0001 or UBS030DP444FRBS
300KVA SG UL	UB1030SGxxxxxxx - 25764	TLE 300 or DPA 300*	4NWP105709R0001 or UBS030DP444FRBS

* DPA can be used in greenfield applications

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