

SmartGATE

BREAKTHROUGH POWER MANAGEMENT PROTECTS AGAINST ELECTRICAL RISK & WASTE

Protect your building's critical electrical environment, and the occupant experience that depends on it

SmartGATE™ is a first-of-its-kind power management platform designed to identify and reduce risk and waste caused by grid volatility in commercial buildings. The result is significant savings from reduced wear and tear on electrical equipment and systems, energy savings between 3 - 8%, and resulting GHG reductions.

Energy savings beyond voltage management

Leveraging years of energy efficiency expertise, Legend's breakthrough is rightsizing both the technology and the price of industrial-caliber power quality technology for commercial applications.

SmartGATE is the only solution with a footprint compact enough to fit in a typical commercial electrical room, and at an affordable cost. And, because of its sophisticated technology, instead of consuming as much as 5% more power (like industrial systems do) while managing power quality, SmartGATE actually saves that much (or more) while it corrects or mitigates common building power quality challenges.

If the grid supply fluctuates, SmartGATE™ instantly reacts to ensure the optimum voltage level is maintained. By automatically managing voltage in real-time, your building always gets exactly what it needs while saving as much power and money as possible.

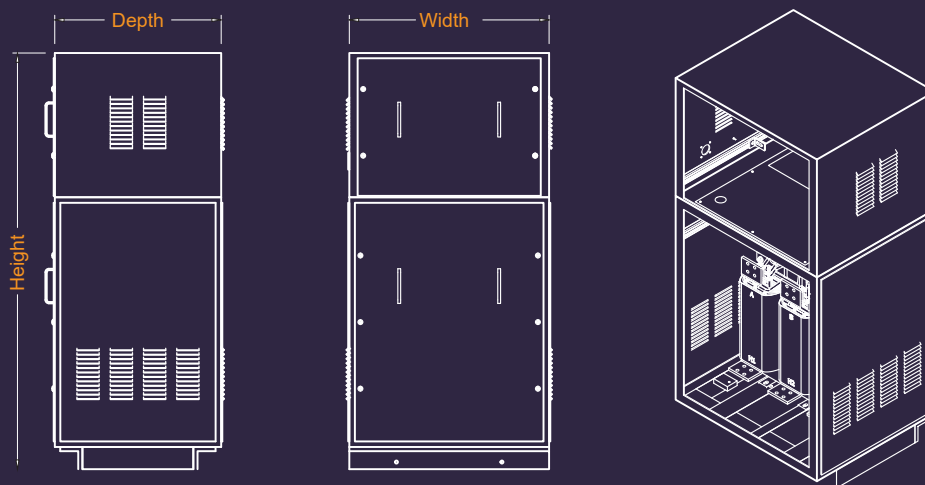


POWER MANAGEMENT

A modular experience that starts with data

The SmartGATE™ platform is a modular system that incorporates multiple energy efficiency and power quality technologies. It leads with SmartGATE Insights™, industry-grade metering and analytics that analyzes 38 power quality parameters, so the SmartGATE knows exactly what to correct. Each system comes factory-installed with voltage management as its first efficiency module, offering a maximum voltage reduction of 8%. New modules addressing different power quality challenges can be added to increase the energy savings potential of the device. Various levels of maintenance and warranty coverage are also available.

| MODEL | C46 | C68 | C81 | C1012 | C1215 | C1518 | C2025 | 4050 |
|--------------------------|---|-----------|------|-------|-------|-----------|-------|-----------|
| Maximum Current (A) | 600 | 800 | 1000 | 1200 | 1500 | 1800 | 2500 | 4000 |
| Power (kVA) | 500 | 750 | 1000 | 1000 | 1560 | 1560 | 2080 | 4152 |
| System Voltage (V) | 480 3P | | | | | | | |
| Frequency (Hz) | 60 | | | | | | | |
| Voltage Adjustment Range | ±8% | | | | | | | |
| Efficiency | >99.5% | | | | | | | |
| Communications | Ethernet or cellular LTE available | | | | | | | |
| Online Interface | Available Legend Voltage Management Dashboard | | | | | | | |
| Ambient Temperature | 0°C to 40°C - relative humidity 0-90% | | | | | | | |
| Approvals | UL 508-C pending | | | | | | | |
| Width - mm/[in] | | 813 [32] | | | | 1000 [39] | | 1219 [48] |
| Depth - mm/[in] | | 660 [26] | | | | 800 [31] | | 965 [38] |
| Height - mm/[in] | | 1829 [72] | | | | 2000 [79] | | 2438 [96] |



NOTE: Dimensions vary and are subject to change.