

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.

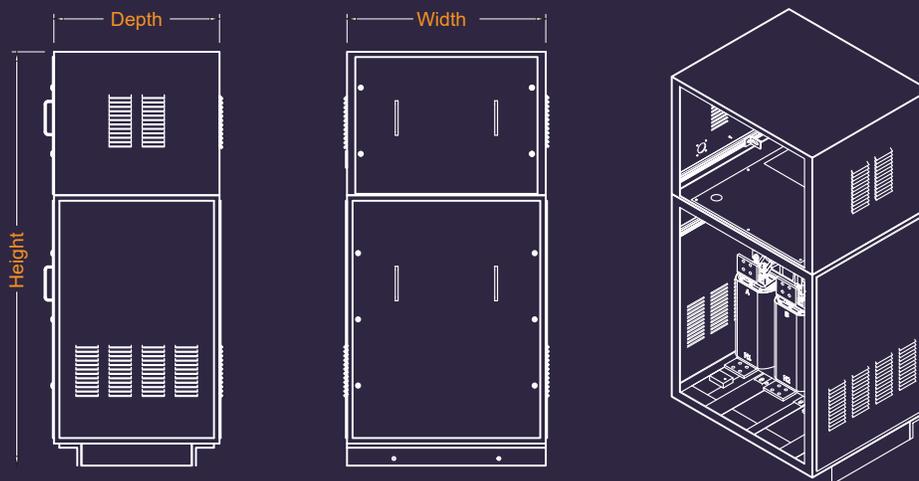


POWER MANAGEMENT

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)	208V, 480V, 600V, 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.