



## SmartGATE™ Real-time voltage management for energy savings.

SmartGATE™ is an intelligent system for saving money on electricity. Utilities over supply voltage to overcome the universal challenges of supplying power over long distances with variable demand. The SmartGATE™ system measures a building's incoming voltage, calculates the overage, and automatically throttles the supply down to a more optimum level.

If the grid supply fluctuates, the SmartGATE™ instantly reacts to ensure an optimum voltage level is maintained. If a major grid event occurs, the system switches to a bypass mode until the condition passes. By automatically throttling voltage in real-time, your building always gets exactly what it needs while saving as much power and money as possible.

### Energy savings beyond voltage management.

The SmartGATE™ system is more than just a voltage management device. It's a gateway to multiple energy efficiency and power quality technologies. Efficiency modules that improve different power problems can be added to the system incrementally to increase its energy saving performance.

The SmartGATE™ dashboard collects and presents a wide array of power data to make selecting additional modules easy. Once the system is installed in your electrical room, plug-and-play modules can be added cost-effectively and often times without the need for a power disruption to your building.

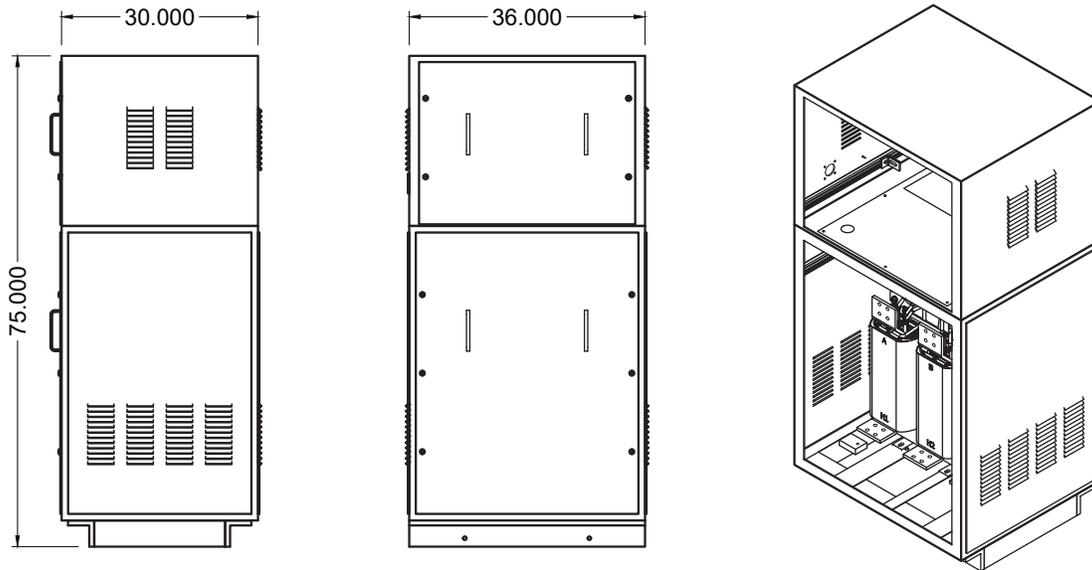
Contact us today to learn how Legend Power® can help you save money on power.

# VOLTAGE MANAGEMENT

A modular experience that starts with voltage.

The SmartGATE™ is a modular system that can incorporate multiple energy efficiency and power quality technologies. 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 challenges can be added to increase the energy savings potential of the device.

MODEL	C46	C68	C81	C1012	C1215	C1518	C2025	C4050
Maximum Current (A)	600	800	1000	1200	1500	1800	2500	4000
Power (kVA)	500	750	1000	1000	1560	1560	2080	4152
Max. System Voltage (V)	600							
Frequency (Hz)	60							
Voltage Reduction Range	0%-8%							
Tap Change Method	Electronic							
Efficiency	>99.5%							
Integrated Energy Meter	Revenue grade ANSI C12.20 class 0.2 & IEC 62053-22 class 0.2s							
Communications	Ethernet							
Online Interface	Available Legend Voltage Management Dashboard							
Ambient Temperature	0°C to 40°C - relative humidity 0-90%							
Cooling Method	Convection							
Installation Method	Floor mount, left or right side cable entry							
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]		
Weight - lbs	1000 lbs	1200 lbs	1350 lbs	2000 lbs	2400 lbs	3600 lbs		



Find out how much money your building can save on electricity by contacting us today at 1.866.772.8797 or [savings@legendpower.com](mailto:savings@legendpower.com).