

## Supply Ratings

**Voltage as a Service (VAAS)**<sup>TM</sup> is an energy-saving service solution for regulating and optimising the voltage supplied to electrical equipment to the optimal level for efficient operation. The purpose of VAAS is to reduce energy consumption, lower electricity bills, and decrease carbon emissions by ensuring that electrical devices operate at their most efficient voltage level.

### VO Ratings [kVA]

As a helpful guide, refer to the table of typical kVA rating sizes for VAAS systems.

VAAS Service Size (kVA)	Typical Application	Type of Premises
30 kVA	Small commercial or retail unit	Small shops, offices, cafes
100 kVA	Medium-sized commercial premises	Medium offices, small hotels, restaurants
250 kVA	Larger commercial or industrial premises	Large offices, supermarkets, schools
500 kVA	Large industrial premises	Manufacturing plants, warehouses
1,000 kVA	Extra-large industrial or commercial sites	Hospitals, large factories, data centers
2,000 kVA	Very large sites or multi-site operations	Large industrial complexes, distribution centres
3,000 kVA	Heavy industrial and large-scale facilities	Steel mills, large-scale manufacturing plants
5,000 kVA and above	Major industrial and utility applications	Large refineries, power generation stations

### Conclusion

Voltage as a Service (VAAS) offers both immediate and long-term financial benefits while aligning with broader strategic goals related to sustainability, operational efficiency, and risk management. These benefits make VAAS an attractive proposition for businesses looking to reduce energy costs, enhance their environmental credentials, and improve their overall competitiveness.

Voltage as a Service (VAAS) can provide a very useful contribution to a company's plans to meet its Carbon emission targets, as well as reporting requirements. Voltage as a Service (VAAS) provides the right voltage to electrical equipment, ensuring efficiency, cost savings, environmental benefits and performance reporting while maintaining equipment performance and longevity.

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