POWERSHIFT

APEX 400

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HEAVY DUTY POWER FOR LARGE SITES

An advanced energy storage system engineered for large construction, commercial and heavy industrial sites that are power hungry.

This next generation technology can peak at over 800A, with 430kWh to back it, enabling the unit to support multiple large, peaky loads, along with more consistent loads like site power. Charge from a small mains feed, generator, solar or multiple sources, with the ability to track and monitor energy usage and performance in real-time.

- Run your entire site
- Hardwire in and out for convenience
- In-built redundancy
- Quiet, continuous power
- Liquid cooled
- Aerosol-based fire safety system

MODEL	VOLTS	KVA	KWH	PHASE
A400	380-415	428	430	3

		UNITS	A 400
OUTPUT SPECIFICATIONS	Overload Power (<10 sec)	kW / kVA	585 / 595
	Overload Current (<10 sec) @ 380V / 400V / 415V	A	904 / 858 / 827
	Nominal Power	kW / kVA	386 / 428
	Nominal Current @ 380V / 400V / 415V	A	650 / 618 / 595
INPUT SPECIFICATIONS	Voltage Range	VAC	380 - 415 (3Ph + N + E)
	Frequency	Hz	50
	Maximum Input Power (trickle charge)	kW	120
	Maximum Input Power (genset paralleling)	kW	410
BATTERY SPECIFICATIONS	Battery Type	-	LFP (lithium iron phosphate)
	Battery Nominal Capacity	kWh	430
	Ambient Temperature Operating Range	C°	-20 to +50
PHYSICAL SPECIFICATIONS	Ingress Protection	IP	IP54
	Dimensions	LxWxH	3.0 x 2.3 x 2.4
	Weight	Tonnes	8.99
ENVIRONMENTAL AND SAFETY	Fire Supression	-	Aerosol Type
	Thermal Management	-	Liquid cooled + forced convection
	Coolant Type	-	Ethylene glycol
CONNECTIONS	Wireless Connectivity	-	Cellular 4G
	Input and Output	-	Hardwire direct to and from Bus Bar

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