LEGEND SVG 70 - LEGEND SVG 100 TECHNICAL DATA SHEET

MODEL		LEGEND SVG 70	LEGEND SVG 100
SIZE (kVAR)		69	103
ELECTRICAL SPECIFICATIONS	Rated voltage	3 Phase 4 Wires: 157V - 460V (Line to Line)	
		3 Phase 3 Wires: 157V - 528V (Line to Line)	
	Phases	Three-phase	
	Frequency	50/60 ±3 Hz (auto-detect)	
	Harmonic correction	From the 2nd to the 25th	
	Power factor correction	Compensates for leading or lagging power factor loads. Adjustable from 0.6 lagging power factor to 0.6 leading power factor	
	Load balancing	Between two phases and between phase and neutral	
	Response time	25 µs	
ENVIRONMENTAL PARAMETERS	Operating temperature	-10°C to +40°C without derating	
	Relative humidity	≤ 95% (no condensation)	
	Altitude (a.s.l.)	≤ 2000 m at rated load current, above 2000m altitude rated load current reduced by 1% per 100m	
	Audible noise at 1 m.	<65 dBA	
GENERAL	Dimensions (WxDxH) mm	IP31: 521 x 180 x 945	
		IP30: 521 x 180 x 886	
	Weight (kg)	Master: 49.5	
		Slave: 47.5	
	Protection class	IP30/IP31	
	Connections	4-wire/3-wire	
	Installation	Wall mounting	
	Type	Monolithic	
	Parallel connection up to (kVAR)	2494	
	Max. parallel modules	24	
	CT configuration	Source side CT: closed loop control - load side CT: open loop control	
CONNECTIVITY	Built-in communication ports	USB, RS485, Modbus RTU, EPO Ethernet port and dry relay contacts (1 in/3 out)	
	User interface	10'' colour LCD touch screen display	
	Software	Data monitoring and storage software	
REGULATIONS	Standards	EN61000-6-4, EN55011, CISPR 11, IEC 61000-3-12, IEC 61000-3-11,	
		IEC 61000-6-2, IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4,	
		IEC 61000-4-5, IEC 61000-4-6, IEC 62477-1, EN 61000-4-8, EN61000-4-34	
		EN 61000-3-4, IEEE 519-1992, EN60146	
	Marking	CE, UKCA	

LEGEND SVG 400 - LEGEND SVG 800 TECHNICAL DATA SHEET

MODEL		LEGEND SVG 400	LEGEND SVG 800
SIZE (kVAR)		415	831
ELECTRICAL SPECIFICATIONS	Rated voltage	3 Phase 4 Wires: 157V - 460V (Line to Line)	
		3 Phase 3 Wires: 157V - 528V (Line to Line)	
	Phases	Three-phase	
	Frequency	50/60 ±3 Hz (auto-detect)	
	Harmonic correction	From the 2nd to the 25th	
	Power factor correction	Compensates for leading or lagging power factor loads. Adjustable from 0.6 lagging power factor to 0.6 leading power factor	
	Load balancing	Between two phases and between phase and neutral	
	Response time	25 µs	
ENVIRONMENTAL PARAMETERS	Operating temperature	-10°C to +40°C at rated load current, > +40 °C at reduced load current	
	Relative humidity	≤ 95% (no condensation)	
	Altitude (a.s.l.)	≤ 2000 m at rated load current, above 2000m altitude rated load current reduced by 1% per 100m	
	Audible noise at 1 m.	<65 dBA	
GENERAL	Cabinet Dimensions (WxDxH) mm	650 x 896 x 1500	650 x 896 x 1950
	Cabinet weight (kg)	145	221
	Module Dimensions (WxDxH) mm	Hot-swappable: 500 x 775 x 130 Terminal block: 500 x 791 x 130	
	Module weight (kg)	44	
	Protection class	Cabinet: IP20	
		Module: IP30	
	Connections	4-wire/3-wire	
	Installation	Floor standing	
	Type	Modular	
	Parallel connection up to (kVAR)	2494	
	Max. no. of modules per system (69 or 103 kVAR in a mixed configuration)	Up to 4	Up to 8
	Max. parallel systems	6	3
	CT configuration	Source side CT: closed loop control - load side CT: open loop control	
CONNECTIVITY	Built-in communication ports	USB, RS485, Modbus RTU, EPO Ethernet port and dry relay contacts (1 in/3 out)	
	User interface	10'' colour LCD touch screen display	
	Software	Data monitoring and storage software	
REGULATIONS	Standards	EN61000-3-4, IEEE 519-1992, EN60146	
		EN61000-6-4, EN55011, IEC 61000-3-12, IEC 61000-3-11,	
		IEC 61000-6-2, IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4,	
		IEC 62477-1, IEC 61000-4-5, IEC 61000-4-6,	
		EN 61000-4-8, EN61000-4-34	
	Marking	CE, UKCA	

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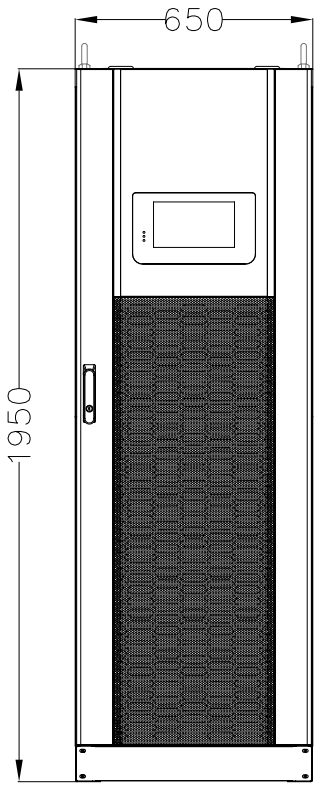
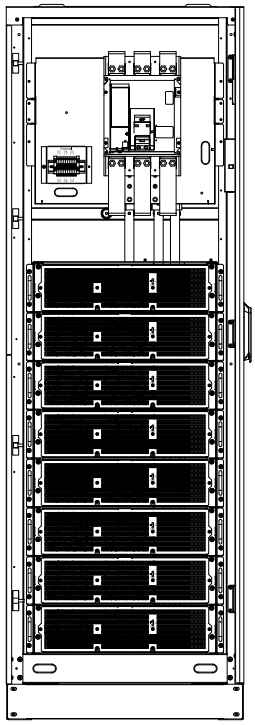
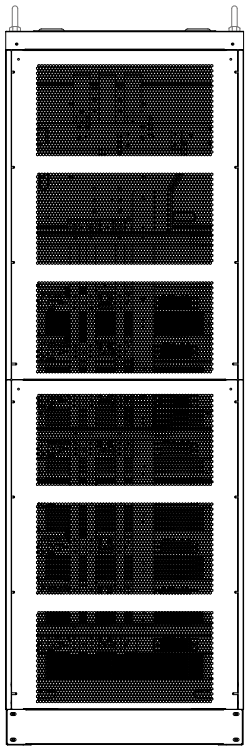
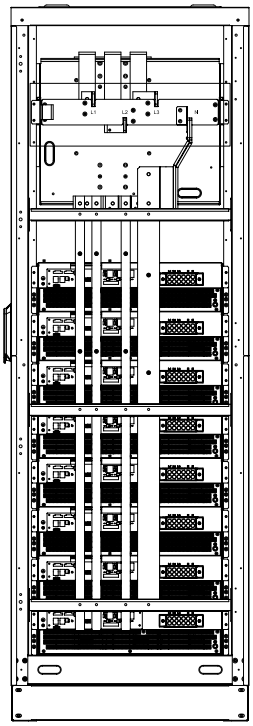


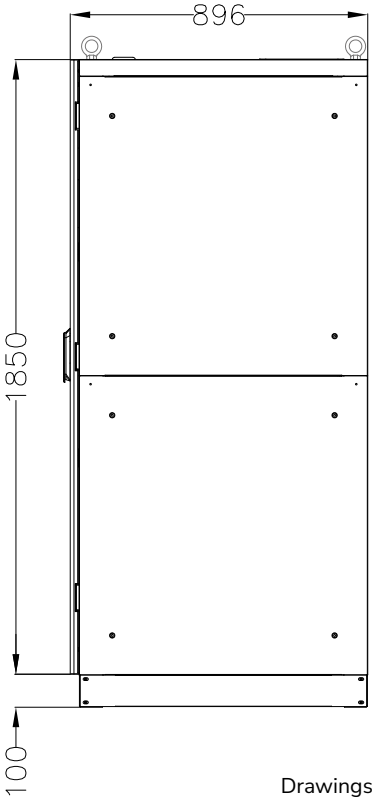


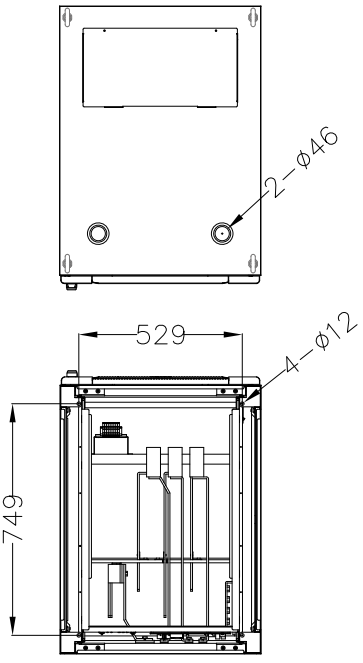
Front Internal View





Back Internal View





Drawings and dimensions refer to the Legend 1200

LEGEND SVG Wall Mount