

LEGEND APF

LEGEND 100 - LEGEND 150 TECHNICAL DATA SHEET

MODEL		LEGEND 100	LEGEND 150
SIZE (A)		100	150
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 $\pm$ 3 Hz (auto-detect)	
	Harmonic correction	From the 2nd to the 51st (optional extended range up to the 71st harmonic)	
	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 μ s	
ENVIRONMENTAL PARAMETERS	Operating temperature	-10°C to +40°C without derating	
	Relative humidity	$\leq$ 95% (no condensation)	
	Altitude (a.s.l.)	$\leq$ 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 (A)	3600	
	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	

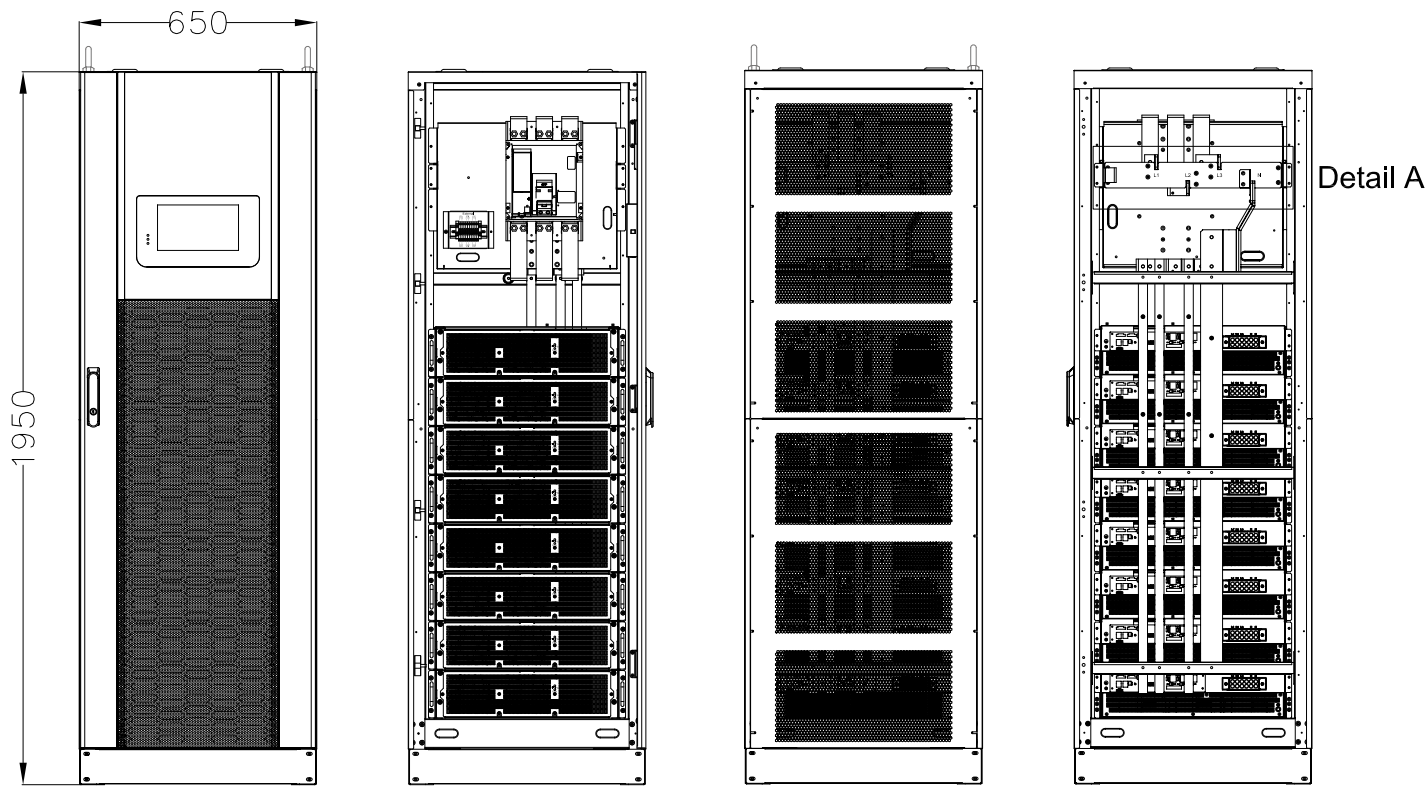
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LEGEND 600 - LEGEND 1200 TECHNICAL DATA SHEET

MODEL		LEGEND 600	LEGEND 1200
SIZE (A)		600	1200
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 $\pm$ 3 Hz (auto-detect)	
	Harmonic correction	From the 2nd to the 51st (optional extended range up to the 71st harmonic)	
	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 μ s	
ENVIRONMENTAL PARAMETERS	Operating temperature	-10°C to +40°C at rated load current, > +40 °C at reduced load current	
	Relative humidity	$\leq$ 95% (no condensation)	
	Altitude (a.s.l.)	$\leq$ 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 (A)	3600	
	Max. no. of modules per system (100 or 150 A 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	

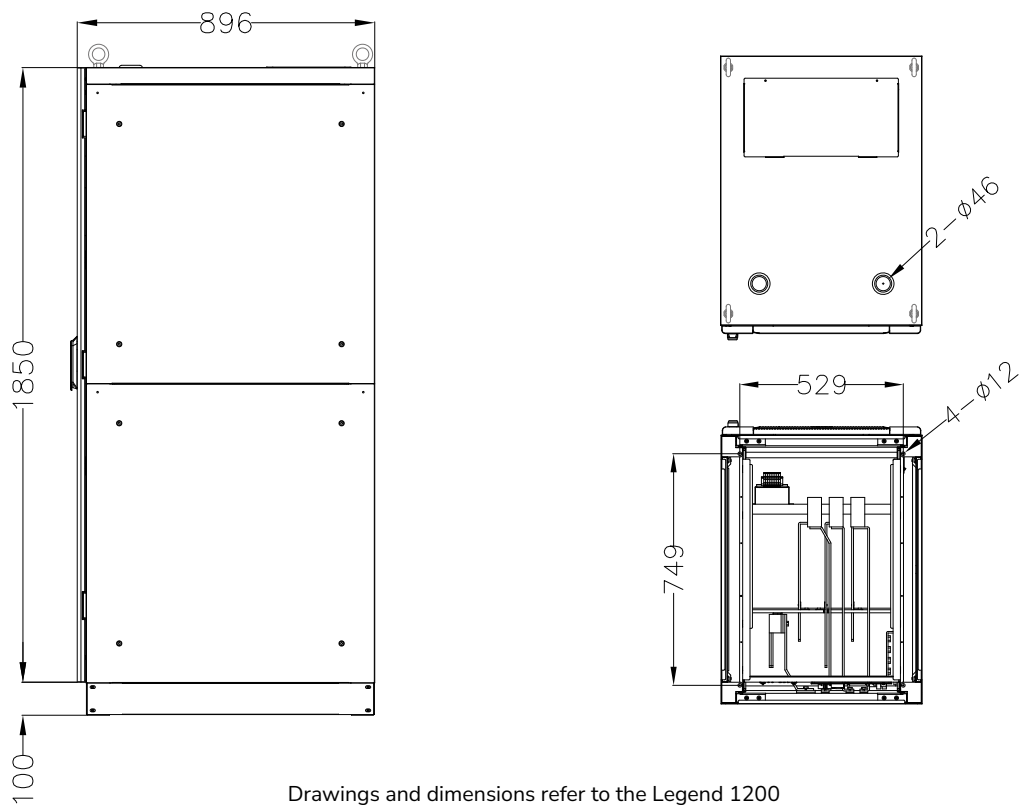
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Front Internal View

Back Internal View



Drawings and dimensions refer to the Legend 1200

LEGEND APF

LEGEND APF Wall Mount

