

The specification of the ELPS-10T (10kVA) standby power system is as follows:

INPUT

Nominal voltage:	3 x 400 and neutral $\pm 15\%$
Nominal Frequency:	50Hz
Max Input current at full load:	3 x 14 A
Power Rating	10kVA
Consumption in Stand-by mode:	50 Watts

OUTPUT

Voltage:	3 phase x 400 V and neutral
Voltage stability by inverter:	1 %
Frequency:	50Hz
Frequency stability:	0.001 %
Wave form:	Sinusoidal < 2% THD
Efficiency (stand-by mode):	99.7 %
Losses (with load fed via batteries):	693 kcal/h
Max Output current at full load:	3 x 15.2 A

BATTERY

Rated Voltage:	272 VDC
Cells/Blocks:	2 x 20 x 12V (each cabinet)
Battery design life:	10 years (BS6290 part 4)
Autonomy:	10 evacuation journeys within 60 minutes

MECHANICAL AND ENVIRONMENTAL DATA

ELPS power system dimensions:	(mm) 1,320H x 440W x 850D*
Weight of ELPS, without batteries:	105 Kg approx.
Battery Cabinet	(mm) 1,320H x 440W x 850D
Weight of battery cabinet (19AH)	205 Kg approx.
Wall Mounting Box Wrap Around Bypass dimensions:	(mm) 600H x 400W x 250D*
Wall Mounting Box Wrap Around Bypass weight:	10 Kg
Noise level measured at 1 metre:	40dBA, (no load) 50dBA (full load)
Ambient temperature:	0°C to 40°C for power unit. 0°C to 23°C, optimum for battery.
Relative humidity:	0 to 95 % non-condensing.
Ingress protection:	IP 20 (IEC 529)
Applicable Standards:	EN50091, EN60950, EN61000, BS9999:2017

* to be confirmed at ordering stage

The specification of the ELPS-15T (15kVA) standby power system is as follows:

INPUT

Nominal voltage:	3 x 400 and neutral $\pm 15\%$
Nominal Frequency:	50Hz
Max Input current at full load:	3 x 22 A
Power Rating	15kVA
Consumption in Stand-by mode:	50 Watts

OUTPUT

Voltage:	3 phase x 400 V and neutral
Voltage stability by inverter:	1 %
Frequency:	50Hz
Frequency stability:	0.001 %
Wave form:	Sinusoidal < 2% THD
Efficiency (stand-by mode):	99.7 %
Losses (with load fed via batteries):	693 kcal/h
Max Output current at full load:	3 x 15.2 A

BATTERY

Rated Voltage:	432 V DC or 624V DC
Cells/Blocks:	192/32 x 12V or 312/52 x 12V
Battery design life:	10 years (BS6290 part 4)
Autonomy:	10 evacuation journeys within 60 minutes.

MECHANICAL AND ENVIRONMENTAL DATA

ELPS power system dimensions:	(mm) 1,320H x 440W x 850D*
Weight of ELPS, without batteries:	115 Kg approx.
Battery Cabinet	(mm) 1,320H x 440W x 850D
Weight of battery cabinet (27AH):	300 Kg approx.
Wall Mounting Box Wrap Around Bypass dimensions:	(mm) 600H x 400W x 250D*
Wall Mounting Box Wrap Around Bypass weight:	10 Kg
Noise level measured at 1 metre:	40dBA, (no load) 50dBA (full load)
Ambient temperature:	0°C to 40°C for power unit. 0°C to 23°C, optimum for battery.
Relative humidity:	0 to 95 % non-condensing.
Ingress protection:	IP 20 (IEC 529)
Applicable Standards:	EN50091, EN60950, EN61000, BS9999:2017

* to be confirmed at ordering stage

The specification of the ELPS-20T (20kVA) standby power system is as follows:

INPUT

Nominal voltage:	3 x 400 and neutral $\pm 15\%$
Nominal Frequency:	50Hz
Max Input current at full load:	3 x 29 A
Power Rating	20kVA
Consumption in Stand-by mode:	50 Watts

OUTPUT

Voltage:	3 phase x 400 V and neutral
Voltage stability by inverter:	1 %
Frequency:	50Hz
Frequency stability:	0.001 %
Wave form:	Sinusoidal < 2% THD
Efficiency (stand-by mode):	99.7 %
Losses (with load fed via batteries):	693 kcal/h
Max Output current at full load:	3 x 15.2 A

BATTERY

Rated Voltage:	272 VDC
Cells/Blocks:	2 x 20 x 12V (each cabinet)
Battery design life:	10 years (BS6290 part 4)
Autonomy:	10 evacuation journeys within 60 minutes.

MECHANICAL AND ENVIRONMENTAL DATA

ELPS power system dimensions:	(mm) 1,320H x 440W x 850D*
Weight of ELPS, without batteries:	120 Kg approx.
Battery Cabinet	(mm) 1,320H x 440W x 850D
Weight of battery cabinet (27AH):	300 Kg approx.
Wall Mounting Box Wrap Around Bypass dimensions:	(mm) 600H x 400W x 250D*
Wall Mounting Box Wrap Around Bypass weight:	10 Kg
Noise level measured at 1 metre:	40dBA, (no load) 50dBA (full load)
Ambient temperature:	0°C to 40°C for power unit. 0°C to 23°C, optimum for battery.
Relative humidity:	0 to 95 % non-condensing.
Ingress protection:	IP 20 (IEC 529)
Applicable Standards:	EN50091, EN60950, EN61000, BS9999:2017

* to be confirmed at ordering stage

The specification of the ELPS-30T (30kVA) standby power system is as follows:

INPUT

Nominal voltage:	3 x 400 and neutral $\pm 15\%$
Nominal Frequency:	50Hz
Max Input current at full load:	3 x 43 A
Power Rating	30kVA
Consumption in Stand-by mode:	100 Watts

OUTPUT

Voltage:	3 phase x 400 V and neutral
Voltage stability by inverter:	1 %
Frequency:	50Hz
Frequency stability:	0.001 %
Wave form:	Sinusoidal < 2% THD
Efficiency (stand-by mode):	99.7 %
Losses (with load fed via batteries):	693 kcal/h
Max Output current at full load:	3 x 15.2 A

BATTERY

Rated Voltage:	272 VDC
Cells/Blocks:	2 x 20 x 12V (each cabinet)
Battery design life:	10 years (BS6290 part 4)
Autonomy:	10 evacuation journeys within 60 minutes

MECHANICAL AND ENVIRONMENTAL DATA

ELPS power system dimensions:	(mm) 1,320H x 440W x 850D*
Weight of ELPS, without batteries:	125 Kg approx.
Battery Cabinet	(mm) 1,320H x 440W x 850D
Weight of battery cabinet (27AH):	300 Kg approx.
Wall Mounting Box Wrap Around Bypass dimensions:	(mm) 600H x 400W x 250D*
Wall Mounting Box Wrap Around Bypass weight:	10 Kg
Noise level measured at 1 metre:	40dBA, (no load) 50dBA (full load)
Ambient temperature:	0°C to 40°C for power unit. 0°C to 23°C, optimum for battery.
Relative humidity:	0 to 95 % non-condensing.
Ingress protection:	IP 20 (IEC 529)
Applicable Standards:	EN50091, EN60950, EN61000, BS9999:2017

* to be confirmed at ordering stage

The specification of the ELPS-40T (40kVA) standby power system is as follows:

INPUT

Nominal voltage:	3 x 400 and neutral $\pm 15\%$
Nominal Frequency:	50Hz
Max Input current at full load:	3 x 58 A
Power Rating	40kVA
Consumption in Stand-by mode:	100 Watts

OUTPUT

Voltage:	3 phase x 400 V and neutral
Voltage stability by inverter:	1 %
Frequency:	50Hz
Frequency stability:	0.001 %
Wave form:	Sinusoidal < 2% THD
Efficiency (stand-by mode):	99.7 %
Losses (with load fed via batteries):	693 kcal/h
Max Output current at full load:	3 x 15.2 A

BATTERY

Rated Voltage:	272 VDC
Cells/Blocks:	2 x 20 x 12V (each cabinet)
Battery design life:	10 years (BS6290 part 4)
Autonomy:	10 evacuation journeys within 60 minutes.

MECHANICAL AND ENVIRONMENTAL DATA

ELPS power system dimensions:	(mm) 1,320H x 440W x 850D*
Weight of ELPS, without batteries:	135 Kg approx.
Battery Cabinet	(mm) 1,320H x 440W x 850D
Weight of battery cabinet (27AH):	300 Kg approx.
Wall Mounting Box Wrap Around Bypass dimensions:	(mm) 600H x 400W x 250D*
Wall Mounting Box Wrap Around Bypass weight:	10 Kg
Noise level measured at 1 metre:	40dBA, (no load) 50dBA (full load)
Ambient temperature:	0°C to 40°C for power unit. 0°C to 23°C, optimum for battery.
Relative humidity:	0 to 95 % non-condensing.
Ingress protection:	IP 20 (IEC 529)
Applicable Standards:	EN50091, EN60950, EN61000, BS9999:2017

* to be confirmed at ordering stage

The specification of the ELPS-60T (60kVA) standby power system is as follows:

INPUT

Nominal voltage:	3 x 400 and neutral $\pm 15\%$
Nominal Frequency:	50Hz
Max Input current at full load:	3 x 87 A
Power Rating	60kVA
Consumption in Stand-by mode:	100 Watts

OUTPUT

Voltage:	3 phase x 400 V and neutral
Voltage stability by inverter:	1 %
Frequency:	50Hz
Frequency stability:	0.001 %
Wave form:	Sinusoidal < 2% THD
Efficiency (stand-by mode):	99.7 %
Losses (with load fed via batteries):	693 kcal/h
Max Output current at full load:	3 x 15.2 A

BATTERY

Rated Voltage:	272 VDC
Cells/Blocks:	2 x 20 x 12V (each cabinet)
Battery design life:	10 years (BS6290 part 4)
Autonomy:	10 evacuation journeys within 60 minutes.

MECHANICAL AND ENVIRONMENTAL DATA

ELPS power system dimensions:	(mm) 1,600H x 500W x 850D*
Weight of ELPS, without batteries:	140 Kg approx.
Battery Cabinet	(mm) 1,320H x 440W x 850D
Weight of battery cabinet (27AH):	300 Kg approx.
Wall Mounting Box Wrap Around Bypass dimensions:	(mm) 600H x 400W x 250D*
Wall Mounting Box Wrap Around Bypass weight:	10 Kg
Noise level measured at 1 metre:	40dBA, (no load) 50dBA (full load)
Ambient temperature:	0°C to 40°C for power unit. 0°C to 23°C, optimum for battery.
Relative humidity:	0 to 95 % non-condensing.
Ingress protection:	IP 20 (IEC 529)
Applicable Standards:	EN50091, EN60950, EN61000, BS9999:2017

* to be confirmed at ordering stage

The specification of the ELPS-80T (80kVA) standby power system is as follows:

INPUT

Nominal voltage:	3 x 400 and neutral $\pm 15\%$
Nominal Frequency:	50Hz
Max Input current at full load:	3 x 115 A
Power Rating	80kVA
Consumption in Stand-by mode:	100 Watts

OUTPUT

Voltage:	3 phase x 400 V and neutral
Voltage stability by inverter:	1 %
Frequency:	50Hz
Frequency stability:	0.001 %
Wave form:	Sinusoidal < 2% THD
Efficiency (stand-by mode):	99.7 %
Losses (with load fed via batteries):	693 kcal/h
Max Output current at full load:	3 x 15.2 A

BATTERY

Rated Voltage:	272 VDC
Cells/Blocks:	2 x 20 x 12V (each cabinet)
Battery design life:	10 years (BS6290 part 4)
Autonomy:	10 evacuation journeys within 60 minutes

MECHANICAL AND ENVIRONMENTAL DATA

ELPS power system dimensions:	(mm) 1,600H x 500W x 850D*
Weight of ELPS, without batteries:	160 Kg approx.
Battery Cabinet	(mm) 1,320H x 440W x 850D
Weight of battery cabinet (27AH):	300 Kg approx.
Wall Mounting Box Wrap Around Bypass dimensions:	(mm) 600H x 400W x 250D*
Wall Mounting Box Wrap Around Bypass weight:	10 Kg
Noise level measured at 1 metre:	40dBA, (no load) 50dBA (full load)
Ambient temperature:	0°C to 40°C for power unit. 0°C to 23°C, optimum for battery.
Relative humidity:	0 to 95 % non-condensing.
Ingress protection:	IP 20 (IEC 529)
Applicable Standards:	EN50091, EN60950, EN61000, BS9999:2017

ELPS-80T

* to be confirmed at ordering stage

The specification of the ELPS-100T (100kVA) standby power system is as follows:

INPUT

Nominal voltage:	3 x 400 and neutral $\pm 15\%$
Nominal Frequency:	50Hz
Max Input current at full load:	3 x 115 A
Power Rating	100kVA
Consumption in Stand-by mode:	100 Watts

OUTPUT

Voltage:	3 phase x 400 V and neutral
Voltage stability by inverter:	1 %
Frequency:	50Hz
Frequency stability:	0.001 %
Wave form:	Sinusoidal < 2% THD
Efficiency (stand-by mode):	99.7 %
Losses (with load fed via batteries):	693 kcal/h
Max Output current at full load:	3 x 15.2 A

BATTERY

Rated Voltage:	272 VDC
Cells/Blocks:	2 x 20 x 12V (each cabinet)
Battery design life:	10 years (BS6290 part 4)
Autonomy:	10 evacuation journeys within 60 minutes.

MECHANICAL AND ENVIRONMENTAL DATA

ELPS power system dimensions:	(mm) 1,600H x 500W x 850D*
Weight of ELPS, without batteries:	220 Kg approx.
Battery Cabinet	(mm) 1,320H x 440W x 850D
Weight of battery cabinet (27AH):	300 Kg approx.
Wall Mounting Box Wrap Around Bypass dimensions:(mm)	600H x 400W x 250D*
Wall Mounting Box Wrap Around Bypass weight:	10 Kg
Noise level measured at 1 metre:	40dBA, (no load) 50dBA (full load)
Ambient temperature:	0°C to 40°C for power unit. 0°C to 23°C, optimum for battery.
Relative humidity:	0 to 95 % non-condensing.
Ingress protection:	IP 20 (IEC 529)
Applicable Standards:	EN50091, EN60950, EN61000, BS9999:2017

* to be confirmed at ordering stage

Battery weights and cabinets vary based on how long the lift needs to operate and therefore the Amp Hour specification of the battery. Weights will vary depending on the size required. Battery upto 18AH can be contained in the cabinet provided. However larger sizes will require an additional battery cabinet, this to be confirmed on ordering. Longer autonomy (running time) are available upon request