



As an uninterrupted power supply (UPS), the battery unit ensures that the lighting can be used even in the event of a power failure or unstable power supply.

Compared to conventional battery units Derungs uses a VRLA gel battery. This is able to store, more energy and has a longer service life. It is very resistant to vibrations and shocks. The Derungs TRIANGO UPSmed Pack is made of durable materials for use in environments where batteries are subjected to

extreme stress, such as civil defence, the military or industry. It can also be used in situations where the battery is at increased risk of physical damage or unexpected shocks. The robust housing provides insulation and heat dissipation from the battery.

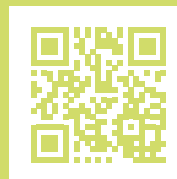
Product highlights



Headquarters

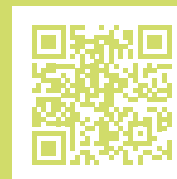
Derungs Licht AG
Hofmattstrasse 12
9200 Gossau
Switzerland
+41 71 388 11 66
mailbox@derungs.swiss
www.derungs.swiss

TRIANGO UPSmed Pack
The luminaire solution
for uninterruptible power supply



Derungs Licht AG is a company of the Waldmann Group

www.derungs.swiss



Register and benefit: + 1 year warranty and exclusive offers

www.derungs.swiss/product-registration

TRIANGO UPSmed Pack



Battery capacity

The battery should have sufficient capacity to power the treatment light for a reasonable time. The exact capacity depends on the power consumption of the luminaire and the desired emergency operating time.

Automatic switching

The UPSmed Pack has an automatic switchover that immediately switches to battery operation in the event of a power failure. This ensures that the luminaire is seamlessly powered and that there is no interruption.

Charging time

The UPSmed Pack should be charged quickly enough to ensure that it is quickly ready for use again after a mission. This is especially important if the treatment light is used frequently. Basically, the luminaire should always be connected to the mains.

Monitoring and alarms

The Derungs UPSmed Pack has a safety system that monitors the battery status. When the charge level is low (from approx. 50% charge capacity), acoustic signals are sounded to draw attention to the situation in good time.

TRIANGO 100 F Battery



TRIANGO 100 F Battery	Technical data
Luminous power *	100 000 Lux / 1.0 m
Colour temperature *	
TRIANGO 100-1 F Battery	fixed value 4 300 K
TRIANGO Fokus 100-3 F Battery	changeable value 3 700 / 4 300 / 4 700 K
Illuminance field 1,0 m *	
TRIANGO 100-1 F Battery	fixed value ø 18 cm
TRIANGO Fokus 100-3 F Battery	changeable value ø 18 / 23 / 28 cm
Colour rendering index	Ra > 96
Luminaire body	PA
Weight (net)	32 kg
Power consumption	40 W
Rated connection voltage	100-240 V
Frequency range	50 / 60 Hz
Integrated electronic transformer	24 VDC output
Usage	Touch panel on cardanic system
Mounting	Roller stand
Protection rating	IP 43 (luminaire head), IP 20 (UPSmed Pack)
Class of protection	I according to MDR
Battery cycle life up to 70%	1 200 cycles
Battery cycle life	up to 4.5 h
Battery type	NP17-12I Industrial VRLA Battery

TRIANGO 80 F Battery



TRIANGO 80 F Battery	Technical data
Luminous power *	80 000 Lux @ 1.0 m
Colour temperature *	ca. 4 500 K
Lighting field 1,0 m *	Ø 18 cm
Colour rendering index	Ra > 95
Luminaire body	Polyamid (PA)
Weight (net)	32 kg
Power consumption	< 30 Watt
Rated connection voltage	100-240 V
Frequency range	50 / 60 Hz
Integrated electronic transformer	24 VDC output
Usage	Rotary switch on the luminaire head
Mounting	Roller stand
Protection rating	IP 43 (luminaire head), IP 20 (UPSmed Pack)
Class of protection	I according to MDR
Battery cycle life up to 70%	1 200 cycles
Battery cycle life	up to 6.5 h
Battery type	NP17-12I Industrial VRLA Battery

TRIANGO 60 F Battery



TRIANGO 60 F Battery	Technical data
Luminous power *	60 000 Lux / 1.0 m
Colour temperature *	4 700 K
Lighting field 1,0 m *	ø 18 cm
Colour rendering index *	Ra > 94
Depth of illumination *	140 cm
Luminaire body	Polyamid (PA)
Weight (net)	31 kg
Power consumption	< 30 W
Rated connection voltage	100-240 V
Frequency range	50 / 60 Hz
Integrated electronic transformer	24 VDC output
Usage	Touch panel on cardanic system
Mounting	Roller stand
Protection rating	IP 43 (luminaire head), IP 20 (UPSmed Pack)
Class of protection	I according to MDR
Battery cycle life up to 70%	1 200 cycles
Battery cycle life	up to 6.5 h
Battery type	NP17-12I Industrial VRLA Battery



Order No.	
Triango 100-1 F Battery	D16.224.000-00814493 - CH D16.222.000-00814491 - Schuko D16.226.000-00814495 - UK D16.232.000-00814497 - USA
Triango Fokus 100-3 F Battery	D16.225.000-00814494 - CH D16.223.000-00814492 - Schuko D16.231.000-00814496 - UK D16.233.000-00814498 - USA
TRIANGO 80-1 F Battery	D16.218.000-00 814487 - CH D16.209.000-00 814486 - Schuko D16.219.000-00 814488 - UK D16.220.000-00814489 - USA
TRIANGO 60-1 F Battery	D16.279.000-00814482 - CH D16.278.000-00814481 - Schuko D16.282.000-00814485 - UK D16.280.000-00814483 - USA



* -10% / +20% tolerance

* -10% / +20% tolerance