SOLAR PRODUCTS BY LAPP

Product portfolio

From major energy plants to single family houses

Solar products from LAPP

The use of photovoltaic systems has been an important pillar of renewable energy for many years – they make a vast, reliable contribution to the energy revolution so that solutions to the challenges posed by climate change can be effectively found. Photovoltaics have a wide range of uses, from major energy plants to single family houses.

We offer our customers a specifically adapted product range for all photovoltaic cabling needs from the roof to the basement, from energy generation to energy supply.

For energy power transmittions for photovoltaic projects, LAPP also supplies low voltage cables (copper or aluminium) according to IEC 60502.1 / BS 5467 / BS 7889, medium voltage cables (copper or aluminium) according to IEC 60502.2 / BS 6622 / BS 7870 / BS 7835 as well as bare copper conductors for earthing the complete installation.

Requirements:

Modern PV systems produce significantly higher performance than a few years ago.

- efficient cables and components for high system voltage
- especially weather resistant against heat, wind and frost
- long durability
- robustness
- extreme flexibility
- available with cable protection

Service:

- worldwide warehouse locations
- high availability
- fast delivery time
- fast processing
- customised delivery

PRODUCT INFO

We also work with users, the TÜV (German Association for Technical Inspection) and the North American UL approval organisation to carry out a variety of tests on our ÖLFLEX® SOLAR cables, SKINTOP® cable glands and EPIC® SOLAR connectors to guarantee the highest quality standards. Our products can be used worldwide, are RoHS compliant and are constantly undergoing development.
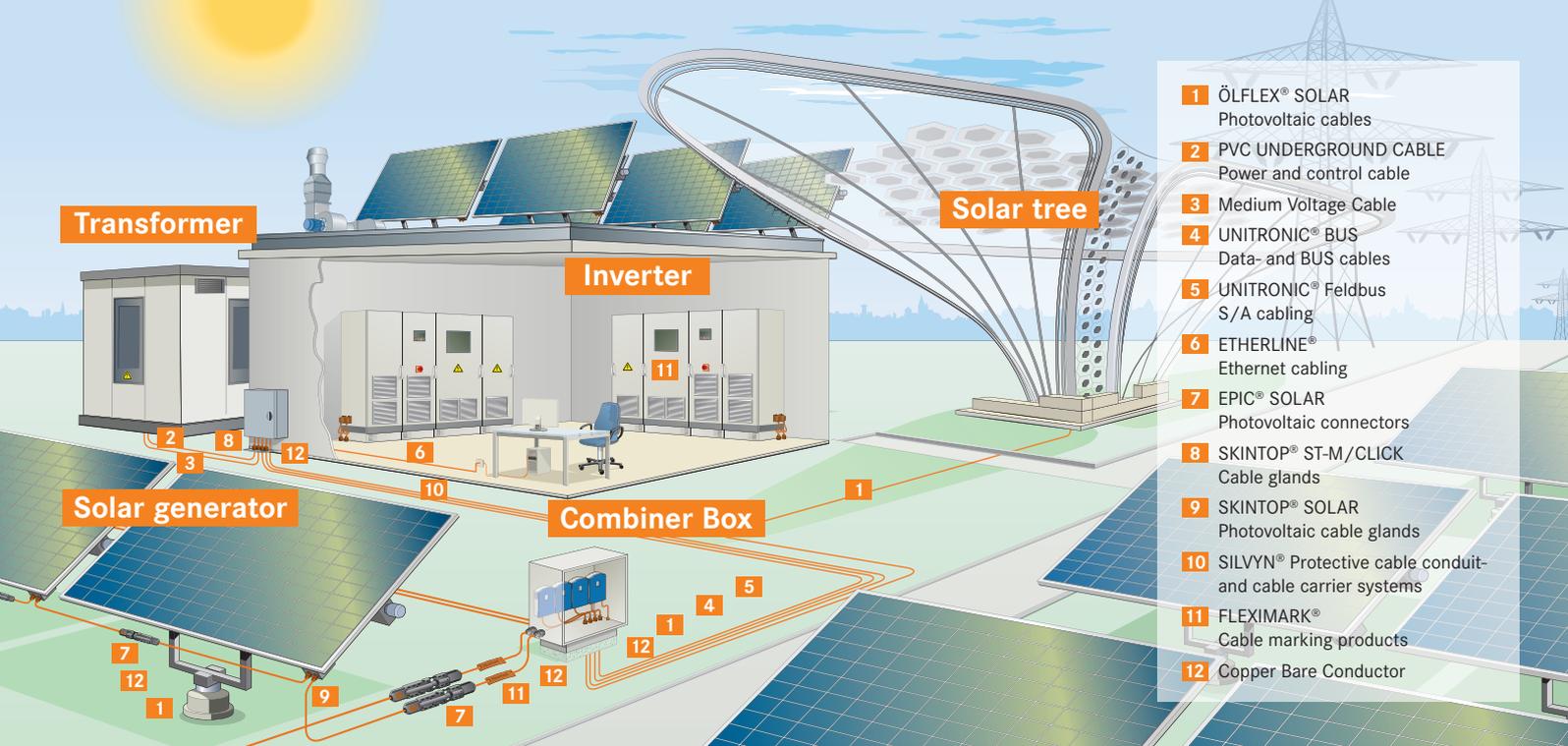
Transformer

Inverter

Solar tree

1 ÖLFLEX® SOLAR
Photovoltaic cables

2 PVC UNDERGROUND CABLE
Power and control cable

3 Medium Voltage Cable

4 UNITRONIC® BUS
Data- and BUS cables

5 UNITRONIC® Feldbus
S/A cabling

6 ETHERLINE®
Ethernet cabling

7 EPIC® SOLAR
Photovoltaic connectors

8 SKINTOP® ST-M/CLICK
Cable glands

9 SKINTOP® SOLAR
Photovoltaic cable glands

10 SILVYN® Protective cable conduit-
and cable carrier systems

11 FLEXIMARK®
Cable marking products

12 Copper Bare Conductor

Solar generator

Combiner Box

Products for PV systems

Cables		Specification
ÖLFLEX® SOLAR XLS-R WHITE	ÖLFLEX® SOLAR XLS-R	**Solar String Cables (DC)**
H1Z2Z2-K	H1Z2Z2-K	
ÖLFLEX® SOLAR XLWP	ÖLFLEX® SOLAR XLWP	
ÖLFLEX® SOLAR V4A	ÖLFLEX® SOLAR V4A	
NYY-O	NYY-J, NYY-O	**Low Voltage Cables**
NAYY-J	NAYY-J, NAYY-O	Voltage rated: 0.6/1 kV
NYCWY	NYCWY	Other standards we can supply: IEC 60502.1; BS 5467/BS 7889
	VDE 0276-603	Cable types: Copper (RV-k , RZ1-k, EXQJ, FG16R16, ...) Aluminium (HIK AL S , XZ1 (S) , ARG16R16, ...)
UNITRONIC® Li2YCYv (TP)	UNITRONIC® Li2YCYv (TP)	**Data communications for international use**
UNITRONIC ST	UNITRONIC® ST	
N2XSY	N2XSY	**Medium Voltage Cables**
N2XS2Y	N2XS2Y	Voltage rated: 6/10 (12)Kv; 12/20 (24)Kv; 18/30 (36)Kv
N2XS(F)2Y	N2XS(F)2Y	Other standards we can supply: IEC 60502.2 BS 6622/BS 7870/BS 7835
N2XS(FL)2Y	N2XS(FL)2Y	Cable types: Copper (FXQJ-TT ,RG7H1R, ...)) Aluminium (RHZ1 , RH5Z1 , AXLJ-TT,AXQJ-F,ARE4H1R,...)
NA2XSY	NA2XSY	
NA2XS2Y	NA2XS2Y	
NA2XS(F)2Y	NA2XS(F)2Y	
A-DQ(ZN)B2Y	A-DQ(ZN)B2Y	**Outdoor Data Communications Cable**
A-DQ(ZN)2Y	A-DQ(ZN)2Y / A-D(ZN)2Y	
A-DQ(ZN)(SR)2Y	A-DQ(ZN)(SR)2Y	
A-DQ(ZN)B2Y(SR)2Y	A-DQ(ZN)B2Y(SR)2Y	
GART ETHERLINE® LAN 1000 S/FTP Cat.7 (L)PE	ETHERLINE® LAN 1000 Cat.7 OUTDOOR	
STUTTGART ETHERLINE® ROBUST PN Cat.7	ETHERLINE® ROBUST S/FTP Cat7	Other constructions and categories available (Cat5e, Cat6, Cat6a)
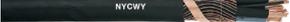
VDE 0276-620

Connectors	Cable glands	Protective cable conduit - and cable carrier systems

Connectors

EPIC® SOLAR 4Plus M

EPIC® SOLAR 4Plus F

EPIC® SOLAR 4 Splitter

EPIC® SOLAR TOOL

Cable glands

SKINTOP® ST-M/
SKINTOP® STR-M

SKINTOP® SOLAR/
SKINTOP® SOLAR plus

SKINTOP® GMP-GL-M

SKINTOP® CLICK/
SKINTOP® CLICK-R

Protective cable conduit - and cable carrier systems

SILVYN® SPLIT

SILVYN® SPLIT COV-M /
SILVYN® SPLIT GMP-M /
SILVYN® SPLIT COS

SILVYN® RILL PA 6

Marking Systems

FLEXIMARK®
Stainless steel FCC

FLEXIMARK®
Cablelabel PUR

Tools

Ty-Rap® UV-stabilised
cable ties with steel nose

EPIC® CRIMPTOOL

KNIPEX Cable shear

05/23

LAPP