

LTW<sup>®</sup>

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\* LTW reserves the right to improve, enhance and modify the design specifications and construction of LTW products without prior notification. For additional product and technical information, please contact us.

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01/2009 ED.01

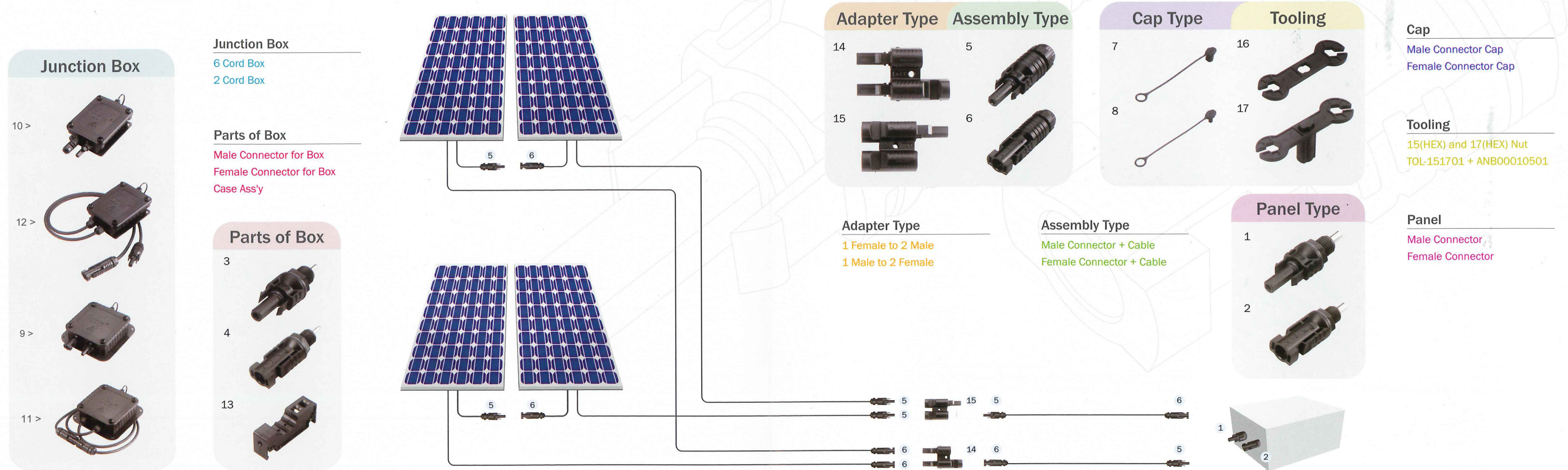
LTW<sup>®</sup>  
Innovation in Waterproof Solution



Photovoltaic  
System  
Solution



Illustration for LTW PV Solution



Product Advantages :

- Low Conduction Loss
- Temperature Resistance -40°C~+105°C (Test Temperature Max. )
- Waterproof (IP 67) 、Anti-dust 、Resistance to UV Rays
- Easy Assembly (Lock Type)
- Safety to Meet the Cutting-edge TUV & UL (PV Wire & USE-2) Standard
- Product Performance over TUV & UL
- Premium Product Specification & Quality

Product Materials :

Box : PPE  
 Connectors : PPE  
 Cable : XLPO

Product Specification :

<b>Operating Temperature :</b> -40°C~+90°C	<b>Box Dimensions :</b> 2 Cord Box : 107 x 83 x 42.3 mm 6 Cord Box : 130 x 130 x 42.3 mm	<b>Fire Rating :</b> UL-94V0
<b>Max. Resistant to Current :</b> 30A (Connector) 20A (Junction Box)	<b>Cable Length :</b> 0.5m~5m	<b>Resistance to UV Rays</b> YES
<b>Max. Resistant to Voltage System :</b> 1000V DC	<b>Contact Resistance :</b> ≤5mΩ	<b>Certification :</b> UL 1703 (Approval under preparation) TUV DIN V VDE V 0126 (Approval under preparation)
<b>Test Voltage :</b> 6KV/1min (Connector) 8 KV/1 min (Junction Box)	<b>Waterproof Rating :</b> IP67 (Connector) IP66 (Box)	<b>Warranty :</b> 3 years

How to order :

No.	Part Number	Product Spec	No.	Part Number	Product Spec
1	LTWSPC-01RMFS-LC7001	Lock Panel Male Conn.	9	LTWSBOX-SJA20-001	6 Cord Box include Connector
2	LTWSPC-01RFMS-LC7001	Lock Panel Female Conn.	10	LTWSBOX-SJB20-001	2 Cord Box include Connector
3	LTWSPC-01DMFP-LC7001	Lock Panel Male Conn. For Box	11	LTWSBOX-SJA22-XXX	6 Cord Box include Cable Glands
4	LTWSPC-01DFMP-LC7001	Lock Panel Female Conn. For Box	12	LTWSBOX-SJB22-XXX	2 Cord Box include Cable Glands
5	LTWSPC-01BMFA-LL7001	Lock Ass'y Male Conn.	13	ZSE00102450	Solar Case Ass'y
	LTWSPC-01BMFA-LL7XXX	Lock Ass'y Male Conn. + Cable	14	LTWSL-000000-HHB-YL001	Lock Adapter 1F to 2M
6	LTWSPC-01BFMA-LL7001	Lock Ass'y Female Conn.	15	LTWSL-000000-BBH-YL001	Lock Adapter 1M to 2F
	LTWSPC-01BFMA-LL7XXX	Lock Ass'y Female Conn. + Cable	16	TOL-151701 (Tooling)	15 (HEX) and 17 (HEX) Nut
7	LTWCAP-DSOMMLC1	Solar Lock Male Conn. Cap	17	TOL-151702 (Tooling)	TOL-151701 + ANB00010501
8	LTWCAP-DSOMFLC1	Solar Lock Female Conn. Cap			

\*Any photos of product, please see the illustration about LTW PV solution.for reference.

Cable Specification :

Item	Conductor	Insulation	Jacket
<b>Material</b>	Tinned Copper	XLPO	black, XLPO
<b>Cable Features:</b>	IEC 60228 class 5	flame retardane, halogen free, e-beam cross linked	flame retardane, halogen free, e-beam cross linked, UV-resistant
<b>Certification:</b>	TUV Rheinland 04/2008, 2Pfg1169/08/2007 PV1-F UL 4703 03/2006/P70V Wire/ UL 854 USE-2 07/2008/ NEC NFPA 70 690.31A		