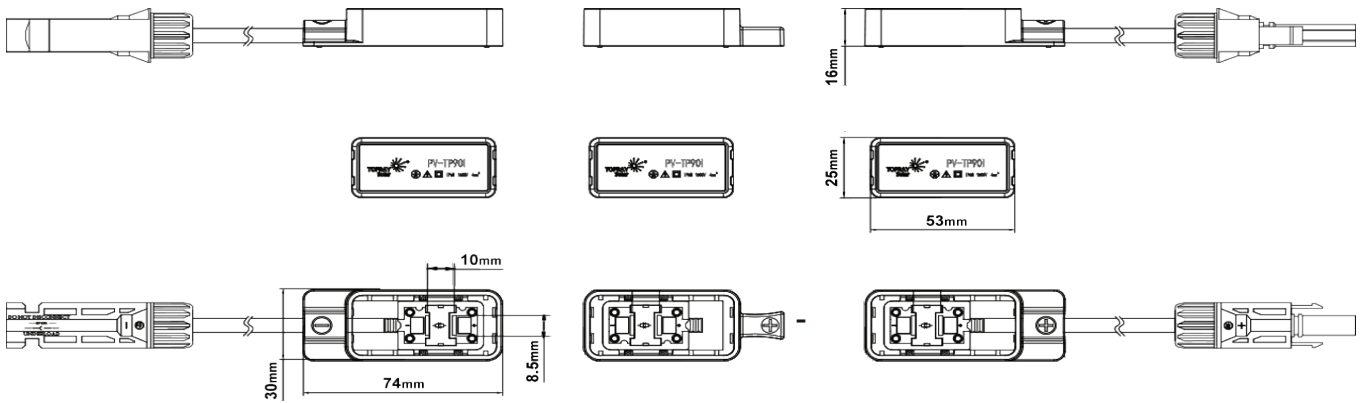# TOPRAY Solar

Solar Junction Box

- IEC 62790 certified
- Potting design, IP68 water proof level
- Engineering plastic casing, weather resistance, long life span
- Integrated modular structure, better performance on heat dissipaion, lower contact impedance, and thus a higher solar panel output
- Crimping and Ultrosonic process ensure more reliable connection

Technical Specification

Dimension	98 * 28 * 18.5mm
Insolation material	PPO
Contact material	Copper - Tin plated
Ribbon width	Max. 8.0 mm
Rated voltage	1500V DC
Water proofing	Potting sealant
Sealant volume	Appr. 28ml
Water proof level	IP 68
Cable section area	4.0 mm2
Safty Class	Class II
Flame Class	UL94-V0
Working Temperature	-40°C to 85°C

Split desing junction box

MC4 connector

Diode

Solar cable