TEI LED Solar Street Light

TRL-SL-30-150NT



Application

Solar streetlight luminaires are ideal for streets, parking lots, public areas, industrial zones, and other outdoor environments, delivering reliable lighting powered by clean solar energy.

Specification

Housing:	Die-cast Aluminium
Input Voltage:	Solar Powered / LiFePO4 Battery 3.2V
Beam Angle:	120°
CCT:	5000K–6500K
CRI:	Ra > 75
Solar Charge Controller (PWM)	12V/24V Auto
Battery Lifetime:	3–5 years
Battery:	LiFePO4 3.2V / 60Ah (192Wh)
Operating / Backup Time:	All Night / 5–7 Days Autonomy (No Sunlight)
Working Mode:	Full Power for first 4 hrs, Half Power for next 8 hrs
Driver / Control:	Smart Auto Controller (Auto ON/OFF, Power Dimming)
IP Rating:	IP65

Model	Power (W)	Solar Panel (W)
TRL-SL-30NT	30	100
TRL-SL-40NT	40	120
TRL-SL-50NT	50	150
TRL-SL-60NT	60	160
TRL-SL-80NT	80	180
TRL-SL-100NT	100	180
TRL-SL-120NT	120	200
TRL-SL-150NT	150	200