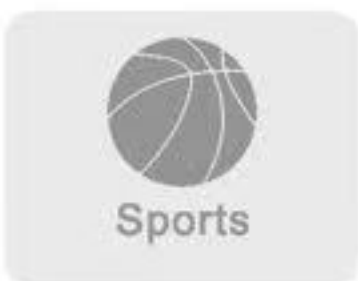




TYD Series

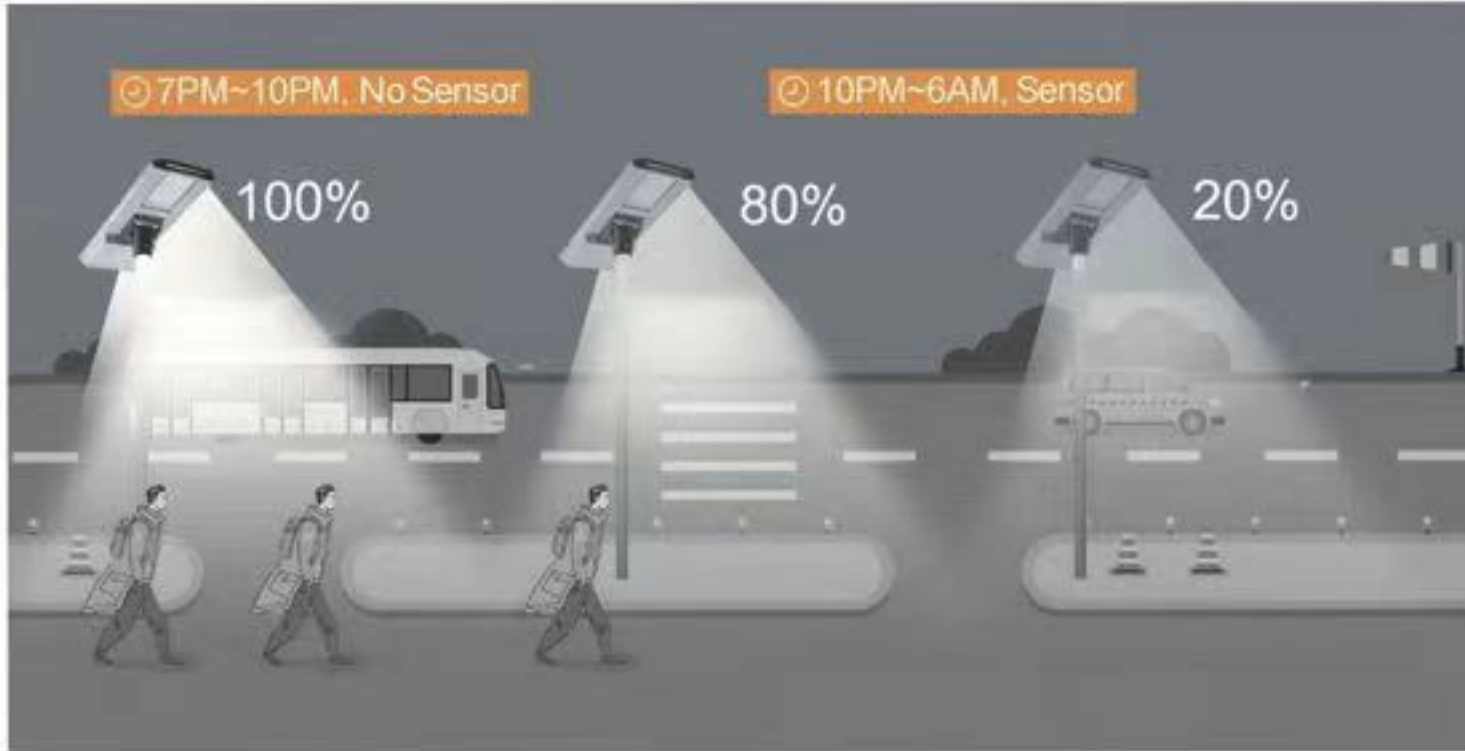


TECHNICAL SPECIFICATIONS

Product:	TYD Series
LED Power:	10W/20W/30W/40W/50W
Solar Panel	Mono A grade
Battery:	Lithium battery
Solar Controller:	MPPT
Lighting Modes:	4 lighting modes+ ODM
Light guiding system:	PC lenses
Light source:	CREE 3030
Luminous intensity class:	Asymmetrical: G1
Charging Time:	6~8 hours
Lighting Time:	7~10 days Cloudy
Glare index class:	D6
Colour temperature:	2700K-6500K
Colour Rendering Index:	CRI>80
System efficacy:	140-180 lm/w
LED Lifetime:	MIN 50,000 hours
Housing material:	Die-cast aluminum+Stretch aluminum profile
Housing colour:	Light Grey,Dark Grey,Black(or specified color)
Wind resistance:	10W:0.0638M2 - 150W:0.0728M2
Protection class:	IP65
Shock protection:	IK09
Corrosion resistance:	C5
Mounting diameter option:	76mm
Suggested mounting height:	4-12m
Dimension (L x Wx H): (bracket ecluded) (or specified color)	D536*200MM D665*200MM
Certificates:	CE/ROHS/FCC/EMC/Vibration Test/Salt Spray Test/C-tick/LVD
Warranty:	3 years

Parameters	TYD-10W	TYD-20W	TYD-30W	TYD-40W	TYD-50W
LED Power (Specified)	10W	20W	30W	40W	50W
Lumens	140-200 lm/w	140-200 lm/w	110-150 lm/w	110-150 lm/w	110-150 lm/w
LED Color Temperature	2700K-6500K	2700K-6500K	2700K-6500K	2700K-6500K	2700K-6500K
Mono Solar Panel	35W	35W	35W	45W	45W
Solar Controller Type	MPPT	MPPT	MPPT	MPPT	MPPT
Remote Control Way (Specified)	App Bluetooth PIR IOT	App Bluetooth PIR IOT	App Bluetooth PIR IOT	App Bluetooth PIR IOT	App Bluetooth PIR IOT
Lifepo4 Battery Capacity (Specified)	96WH	128Wh	160WH	224WH	384WH
Charging Time	6~8 hours	6~8 hours	6~8 hours	6~8 hours	6~8 hours
Lighting Time	7~10 days	7~10 days	7~10 days	7~10 days	7~10 days
Operating Temperature	-20C~65°C .	-20C~65°C .	-20C~65°C	-20C~65°C	-20C~65°C
Lighting Mode	4 lighting modes+ODM	4 lighting modes+ODM	4 lighting modes+ODM	4 lighting modes+ODM	4 lighting modes+ODM
Pole Diameter	60~76mm	60~76mm	60~76mm	60~76mm	60~76mm
Product Dimension(mm)	D536*200MM	D536*200MM	D536*200MM	D665*200MM	D665*200MM

Working Modes

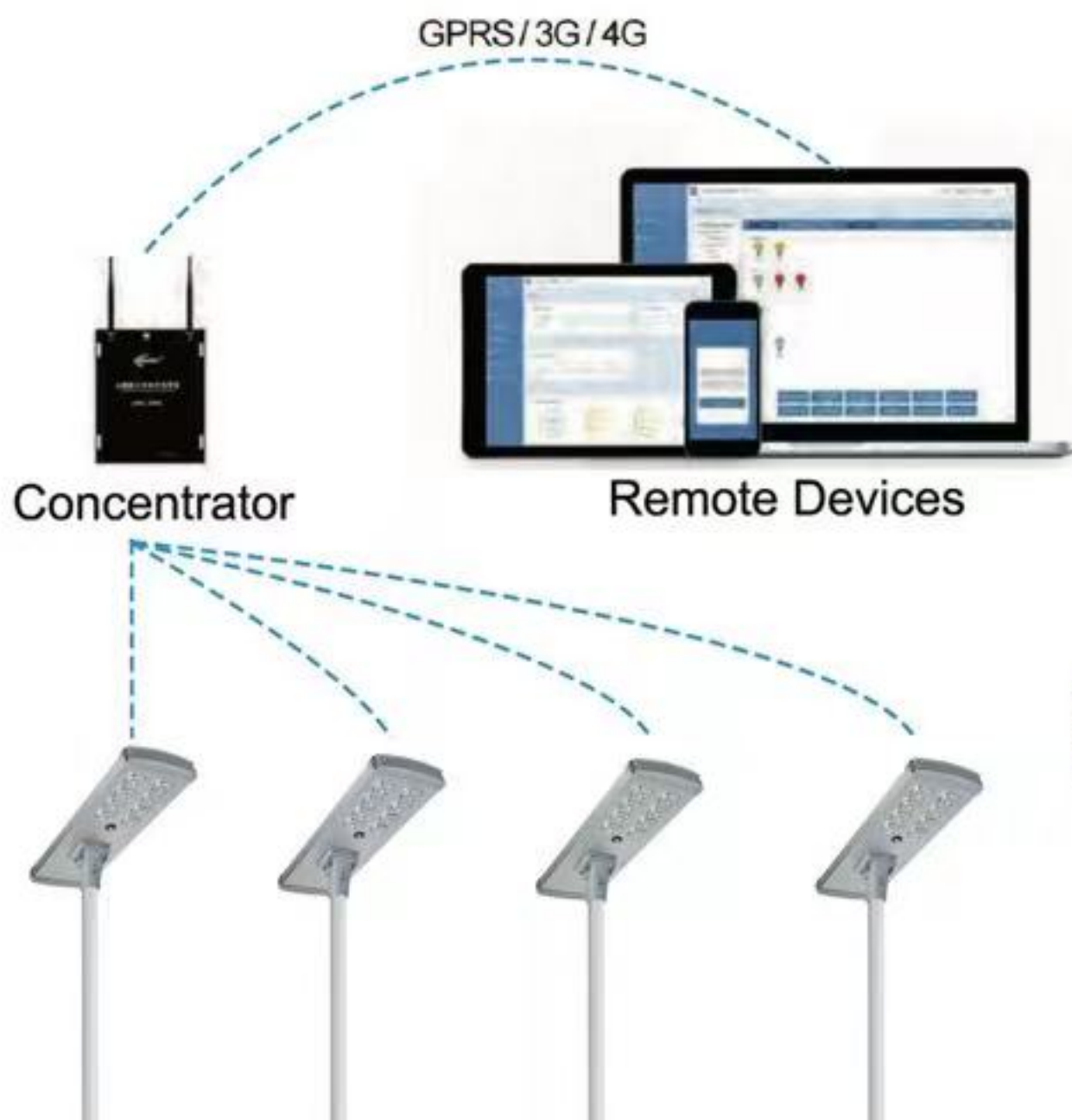


Smart timer + Sensor



Infrared Control

Bluetooth APP Control



IOT Control