



SOLAR LIGHTING

SOLARA SERIES

Go Farther with Solar

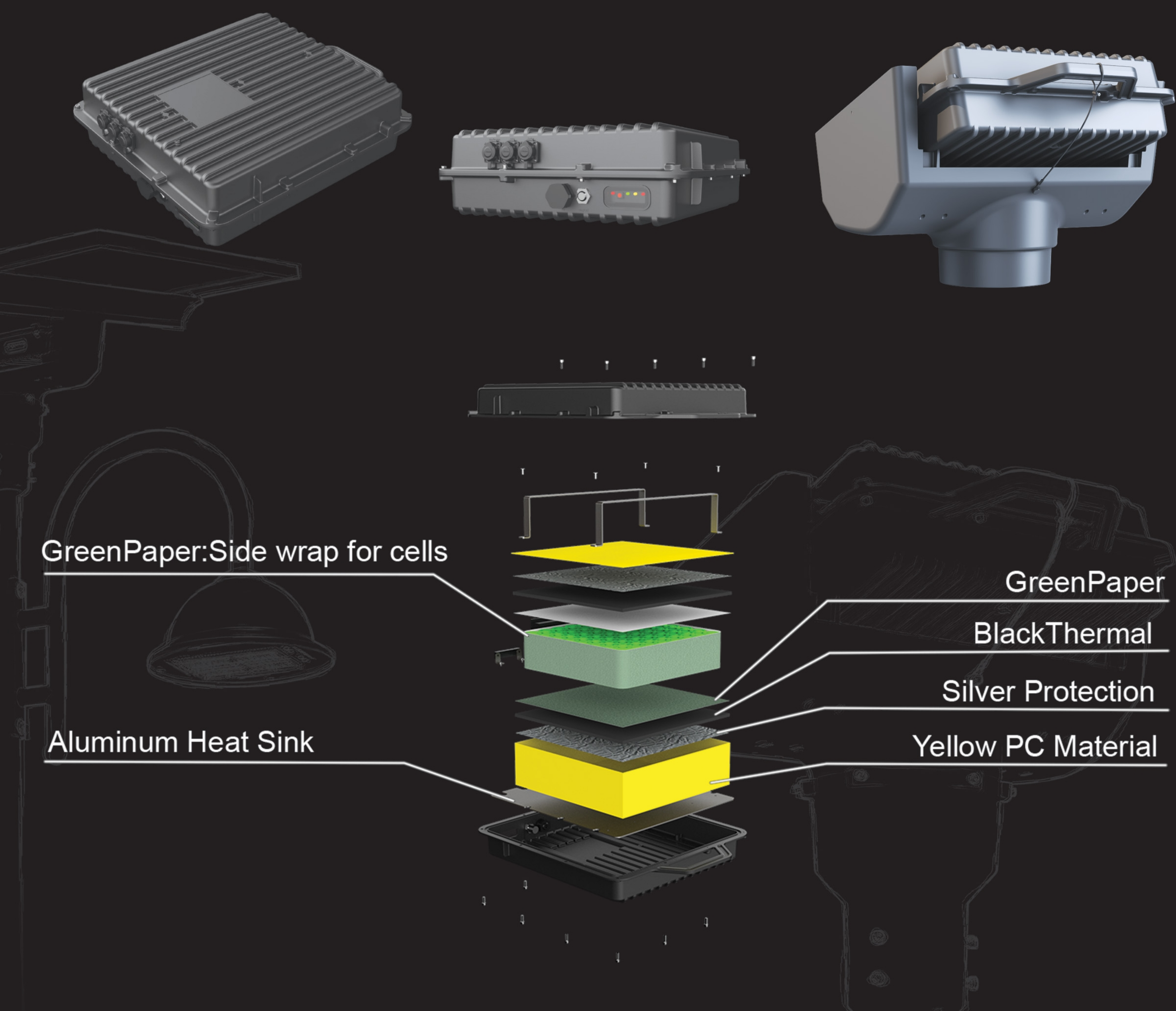
*** Bright. Clean. Limitless ***

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Item	Battery pack specifications 01	Battery pack specifications 02
Battery pack size	470*390*130mm	470*390*130mm
Battery voltage & wattage	60Ah, 12.8V	60Ah, 25.6V
Battery brand & model	Gotion High Tech 32135 15AH, 3.2V A+ Grade	Gotion High Tech 32135 15AH, 3.2V A+ Grade
Battery cell size	φ33.6*139.7mm	φ33.6*139.7mm
Components inside the box	Batter Cell: Gotion High Tech 32135 15AH, 3.2V A+ Grade Connection: 8 On Row . Number Of Batteries: 16 Nos. Battery Capacity: 12.8V, 60AH.	Batter Cell: Gotion High Tech 32135 15AH, 3.2V Connection: 8 On Row + 8 On a Row 2 Level. Number Of Batteries: 32 Nos. Battery Capacity: 25.6V, 60AH.
Battery isolation details of 3 layers	PC Holder Blue Plastic Seal Aluminum heat sink	PC Holder Blue Plastic Seal Aluminum heat sink
Function	Quick Charge Display screen Easy replacement Air Valve	Quick Charge Display screen Easy replacement Air Valve
Controller details	DM80 : All in one All in two 1L All in two 1L Classic HUAHUIYUAN: Solar Chair	DM160: All in two 2L All in two 2L Classic 200W: All in two 2L Fold light





Model No.	SOLARA -001-01	
Item	All in One Solar Street Light - Battery separate	
PV Power (W)	180W (18V)	180W (36V)
Solar Panel Size	1520 x 580 x 30mm	1520 x 580 x 30mm
Material	Monocrystalline Silicon	
Battery	60Ah, 12.8V (LiFePO4), >3000 cycles	60Ah, 25.6V (LiFePO4), >3000 cycles
Controller	SRNE MPPT DM80	SRNE MPPT DM120
LED Brand	PHILIPS	
Power (W)	60W	100W
Luminous Flux (lm)	11000 lm, 180 lm/W	17000 lm, 170 lm/W
CCT (K)	1800K ~ 6000K, Ideal 4000K	
Chip size	SMD 5050	
Work Mode	Programmable/ Supplied with pre programmed - First 6 Hours 100%, Next 6 Hours 50%	
Protection Grade	IP65/ IK08	
Operating Temp.	- 10°C ~ +80°C	
Control Unit	Replaceable	
Material	Aluminum	
Diffuser	Polycarbonate Lens	
Pole Height	Preferably 5 - 8Mtrs	Preferably 6 - 10Mtrs
Warranty	5 Years	

