

# A New Pow<sup>®</sup>

Made In Taiwan

Green

Efficient

Innovative

Solar Battery Energy Storage  
LIGHT POWER<sup>®</sup>



Street Light Shared CCTV Solution  
EZ POWER<sup>®</sup>

Solar Power Insect Catcher,  
Repeller, Plantation Lighting  
WORMING POWER<sup>®</sup>



# Solar Battery Energy Storage LIGHT POWER®

- ◆ According to the Requirement, We Provide Li-NMC (AP1430, AP1440) and NiMH (AP1420) Diversified Choices of Battery
- ◆ Solar Panel backside Attachment Installation
- ◆ 300\*210\*98mm, 7.2kg Lightweight
- ◆ Battery Temperature Charging and Discharging Detector
- ◆ Battery Heating Film for Protection in Cold Weather Area
- ◆ 4 in 1 Module Included MPPT, Charging, BMS, 240WH, 450WH, 640WH
- ◆ IP65 Compliant for Dustproof and Waterproof



## Solar Panel Clamp

- ◆ SUS304 Stainless Steel. Max. Load 30kg
- ◆ Adjustable Solar Panel Angle
- ◆ "U" Shape Bracket Design, Easy Installation

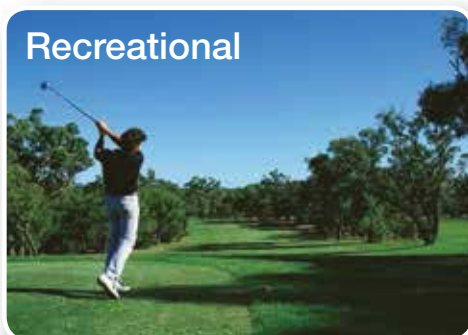
## Solar Panel Option

- ◆ Monocrystalline 87W / 150W



Control

## Applications



Recreational



Agriculture



Construction



Apiculture



TCPD Case Study

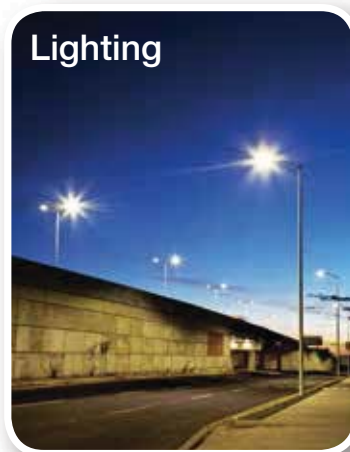
# Street Light Shared CCTV Solution EZ POWER<sup>®</sup>

Signal Loss-Free

Night-Time Charging, Daylight Service !

By Using Street Light Power at Night to Charge, It Can Provide Energy to CCTV & Street Lighting 24-7

- ◆ According to the Requirement, We Provide Li-NMC (AP1430, AP1440) and NiMH (AP1420) Diversified Choices of Battery
- ◆ 110V~240V/AC Input, 80W/24V Output Inverter Included
- ◆ Aluminum Battery Enclosure Cover
- ◆ Solar Panel FREE



Aviation / Construction Warning

Security

# Solar Power Insect Catcher & Repeller, Plantation Lighting WORMING POWER®

- ◆ According to the Requirement,  
We Provide Li-NMC (AP1430, AP1440)  
and NiMH (AP1420) Diversified Choices of Battery
- ◆ Fixed : Single 150W Solar Panel Installing Up to 2 Batteries  
450W\*2(900W) , Repeller & Catcher Light (40W) Output
- ◆ Dismountable Solar Panel. 50W\*2 Battery Power  
100W (Total). Repeller 450W\*1 Battery Power 40W (Total)
- ◆ Easy Installation & Storage
- ◆ Low Discharge Rate, Long Interval Service
- ◆ Auto Daylight Sensor
- ◆ Lightweight Portable Solar Panel,  
Easy Deployment



Agriculture Insect  
Repeller (Yellow)



Agriculture Insect  
Repeller (Red / Blue)



Case Study (Japan)



Insect Catcher



Case Study (USA)

Remarks : Insect Repeller / Catcher Kit Not Included

## Battery Specifications

Item	AP1420	AP1430	AP1440
Battery Model	NiMH	Li-NMC	Li-NMC
Max. Charging Voltage	5A	5A	5A
Max. Discharging Cu-off Voltage	12V	11.6V	11.6V
Rated Voltage	13.2V	14.8V	15.2V
Rated Capacity	240WH	450WH	640WH
Operating Temp. Range	-20~60°C	-10~60°C	-10~60°C
Storage Temp. Range	-20~60°C	-10~60°C	-10~60°C
Waterproof Rating	IP65		
Weight	7.5±0.5kg	6.2±0.5kg	6.4±0.5kg
Dimension(L*W*H)	300*210*98		
Light Output	12V/2A*2 Ways		
CCTV Output	CCTV Full Time 12V/2A		
Customized	LED:4A*1 Way , CCTV:5V/4A or 24V/1A		

## LIGHT POWER® Solar Panel Specification Requirements

Item	Solar Panel	
Max. Power	87W	150W
Open-circuit Voltage	24V	22.51V
Short Circuit Current	4.45A	8.63A
Max. Voltage	20V	18.35V
Max. Current	4.35A	8.13A
Dimension(L*W*H)	866*668*39mm	1019*992*46mm
Stand Weight	14.1kg	

## WORMING POWER® Solar Panel Specifications

Item	Lightwight Portable Solar Panel		Solar Panel
Configuration	2 pcs Connection (Single 12V)	4pcs Connection (Single 6V)	1
Max. Power	100W	200W	150W
Open-Circuit Voltage	28.8V	28.8V	22.51V
Short Circuit Current	4.43A	8.86A	8.63A
Max. Voltage	24V	24V	18.35V
Max. Current	4.18A	8.36A	8.13A
Dimension(L*W*H) (mm)	1080*407*9(*2pcs)	1080*407*40*9(*4pcs)	1019*992*46

### EZ POWER® Charger

Item	Type
Max. Input Voltage (AC)	100~240V
Max. Output Voltage (DC)	20~24V
Output Power	80W/160W

### EZ POWER®

#### Aluminum Battery Enclosure Cover

Item	Type
Material	Aluminum
Weight	2.6kg
Dimension (L*W*H)	347*302*112mm

### Solar Panel Bracket

Item	Type
Material	SUS304
Weight	14kg
Dimension(L*W*H)	703*287*302mm
Max. Load	30kg



ANEWPow possesses the right to modify and or change the specifications without prior notice.

# ANewPow®

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