

# Solar-powered System



Battery pack is available

## KEY FEATURES


### **17 Days Battery Life Guaranteed**

Even on rainy days, it can achieve up to 17 days of extended standby time, providing long-term uninterrupted reliability to safeguard every moment that matters.

### **Intelligent Energy-saving Operation Mode**

Efficient and energy-saving, it focuses on the events you care about most. It also allows for scheduled sleep to conserve energy. Various modes ensure the stable and secure operation of the Kit system.

# Solar Power System

Name		Solar Power System	
Model		INVID-S100B55	INVID-S100B96
Appearance			
Solar Panel Modules in Kit		Default: 1 units; Optional: 2 units	
Charge	PV Power	100W	
	PV Input Voltage	18V	
	Material	Monocrystalline silicon	
Energy Storage	Battery Type	NMC	
	Battery Capacity	50AH	90AH
	Total Energy	555Wh	962Wh
	Battery Life	9 days (without data transmission), 6 days (with data transmission)	17 days (without data transmission), 11 days (with data transmission)
	Deep Cycles	> 1000	
	Nominal Voltage	11.1V	
Discharge	Output Voltage	9~12.6V DC	
	Maximum Output Current	10A	
	Discharge Depth	95%DOD	
Function	Battery Heating	Charging current > 2A and lower than -5°C turns on	
	Protection Type	Overcurrent/ Overvoltage/ Short Circuit/ Undervoltage/ Temperature	
	Charging Temperature Range	0°C~60°C	
	Discharging Temperature Range	-20°C~65°C	
	Status Indicator	LED (charging status, battery status, output status)	
Interface	Communication	RS485	
	Output Method	M12 5-pin Connector	
	Output Line Length	1.5m	

# Solar Power System

<b>Interface</b>	Supported Cables	Dual Device Power Splitter Cable Bridge Data & Power Cable (RS485 & DC Output) Main Power Cable	
<b>General Parameters</b>	Waterproof	IP66	
	Humidity Range	4-100% (no condensation)	
	Cooling Method	Natural Heat Dissipation	
	Hazardous Material Classification	9	
	Shell Material	Galvanized Steel + Plastic	
	Fixed Way	Hanging Rod / Wall Mounting	
	Product Dimensions	765*630*69 mm 825*690*105 mm (with Package)	765*630*112.5 mm 825*690*140 mm (with Package)
	Weight	13kg	16kg
	Warranty	2 years	
	Certificate	UN38.3/MSDS/CE/ROHS	

# Solar Power System

## INVID-S100B55

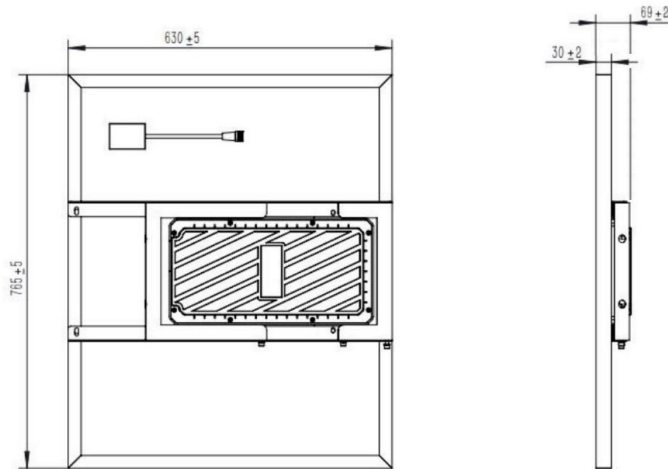
Weight: 13kg

Dimensions:

765\*630\*69 mm

825\*690\*105 mm

(with Package)



## INVID-S100B96

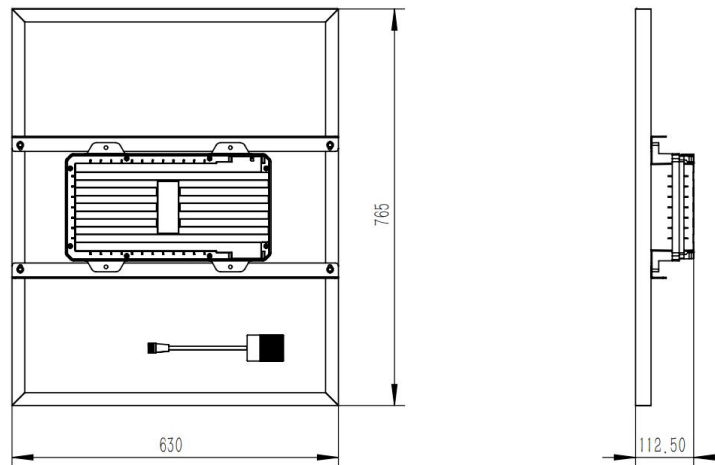
Weight: 16kg

Dimensions:

765\*630\*112.5 mm

825\*690\*140 mm

(with Package)



## Accessories Support

### A02 V2 Pole Mount

Weight: 1kg

Dimensions:

180\*136\*46 mm



### SA02 Wall Mount

Weight: 2.2kg

Dimensions:

150\*260\*400 mm



### S100 Expansion Module

Model: SA100



### Solar Power System Bracket

Model: BJ-N

Weight: 3.5kg

Dimensions: 220\*217.5\*30 mm



Milesight