Intenergy

Comprehensive Solar Energy Storage Solutions Provider



iPOWER CUBE Series

i-POWER STATION

POWER+WATER+COLD STORAGE+UPS(CHARGING)

i-Power Station is an integrated solution that provides 24/7 clean energy, filtered water for drinking or irrigation, inclusive of an ice making machine & freezer for cold storage, with emergency backup mobile generators. It can serve as a charging station, readily embedded with smart weather and flood sensors and optional AP system for connectivity/ communication.

PRODUCTS FEATURES

FREE CLEAN ELECTRICITY
Provides a cheaper and more eco-friendly consumption of electricity through clean energy from the sun

COLD STORAGE
Inclusive of an Ice making machine and a chest freezer for cold storage

IRRIGATION
Features an intelligent design and construction of a fully-functioning irrigation management system as a vital component of modern agriculture

POTABLE WATER
Integrated with a Water filtration system that filters water to remove sediments, suspended particles from mains water to provide clean and fresh-tasting water

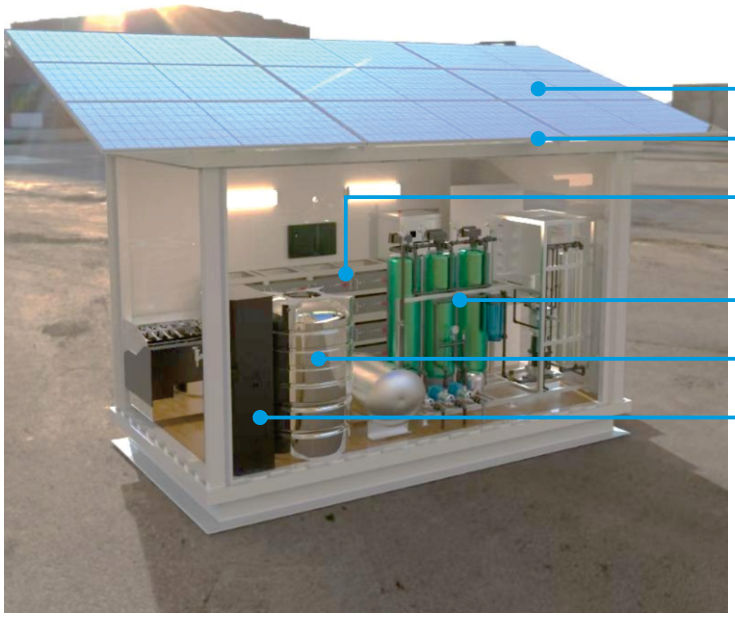
UPS/CHARGING
It can serve as a charging station embedded with AC/DC outlets that may be an easy-to-access place for charging devices simultaneously, enough for most people and families of the community

SMART SENSORS & AP CONNECTIVITY
Embedded with smart weather and flood sensors and optional AP System for connectivity or communication

For more information contact us at www.intenergy.cn

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PRODUCTS DETAILS



- 540W Prime Solar Panel
- Flood Sensor
- IESS (integrated Energy Solar Storage)
- Water Filter System
- Water Tank
- Ice Machine



Intelligent Control Panel



Multi-Output DC/AC Port

PRODUCTS SPECIFICATION

Dimension	
Model	IPS
Dimensions	5200*2420*2440mm (LxWxH)
Weight	3000 kg
Loading Capacity in 40 GP	2 units
Solar Panel	
Maximum Power (Pmax)	540W
Maximum Power Voltage (Vmp)	41.67V
Maximum Power Curent (Imp)	12.96A
Open Circuit Voltage (Voc)	49.52V
Short Circuit Curent (Isc)	13.84A
Dimension	2274*1135*35mm(L*W*H)
Quantity	14pcs
Battery Bank	
Battery Total Storage	28.6KWH
Model	51.2V120AH (Lithium Battery)
Voltage	192V
Quantity	1set

Inverter	
Type	Inverter/Charger (Hybrid Inverter)
Power	12KW
Voltage	192V
Walter filtration	
Pure Water Flow	0.25T/H
Rated Power	1.1KW
Rated Voltage	220V
Water making way	Full/Semi-Automatic
Ice machine	
Rated power for icing	350W
Rated current for icing	2.4A
Ice grid	78
Ice storage capacity	25kg
Freezer	
Power	690W
Total ca pacity	301 L
Freezing Room Capacity	301 L
Energy consumption	0.69kwh/24h

PRODUCTSAPPLICATION



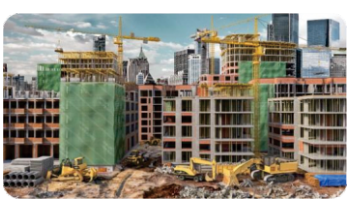
Public and Private Facilities



Islands and Resorts



Agriculture Farming



Construction Sites

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