

iOne

Power The Future!



www.dowellelectronic.com



iOne Topology

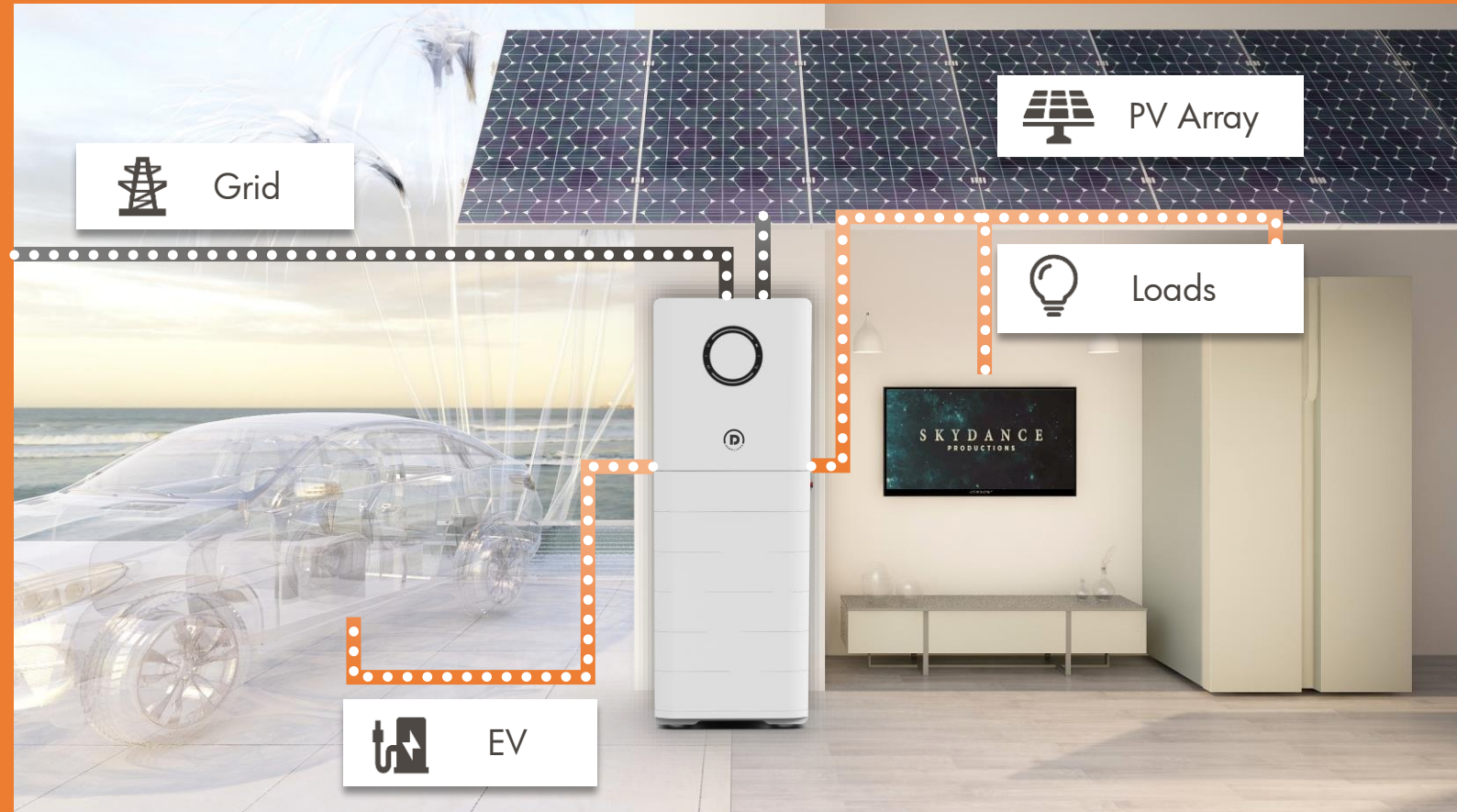
iOne Residential High Voltage
All in one Energy Storage System.

The 1st All-in-one integrating PV,
Storage, EV charging and power
Distribution.

Modular design for good expansibility.

EV charging (optional).

24-hour real-time online monitoring.



iPower Hybrid

· Single Phase / Three Phase

Key Parameters	iPower (Single Phase)	iPower (Three Phase)
Max. Output Power(kW)	5~8	8~12
Dimensions (mm)	550*410*175	550*410*175
IP Class	IP65	IP65
Net weight (kg)	26+18(Casing)	26+18(Casing)
Operating temperature range (°C)	-30~60	-30~60



Max. efficiency up to 97.6%(iPower TH) ~98.2%(iPower S)

New pin type AC connector introduced, easy to use and safer

Uninterruptible power supply, switch to off-grid mode, within 10ms

iCharger EV Charging

(Optional)

Single Phase	7kW
Three Phase	11/22kW

Key Parameters	iCharger(Single Phase)	iCharger(Three Phase)
Rated AC output power(kW)	7	11/22
Rated output voltage(VAC)	230 (L+N+PE)	400 (3P+N+PE)
Normal frequency(Hz)	50	50
AC output charging connector	IEC 62196-1/2	IEC 62196-1/2
Protection Degree	IP65	IP65
Net weight (kg)	18	19
Working Temperature(°C)	-20~55	-20~55



European EV Charging Standard Plug

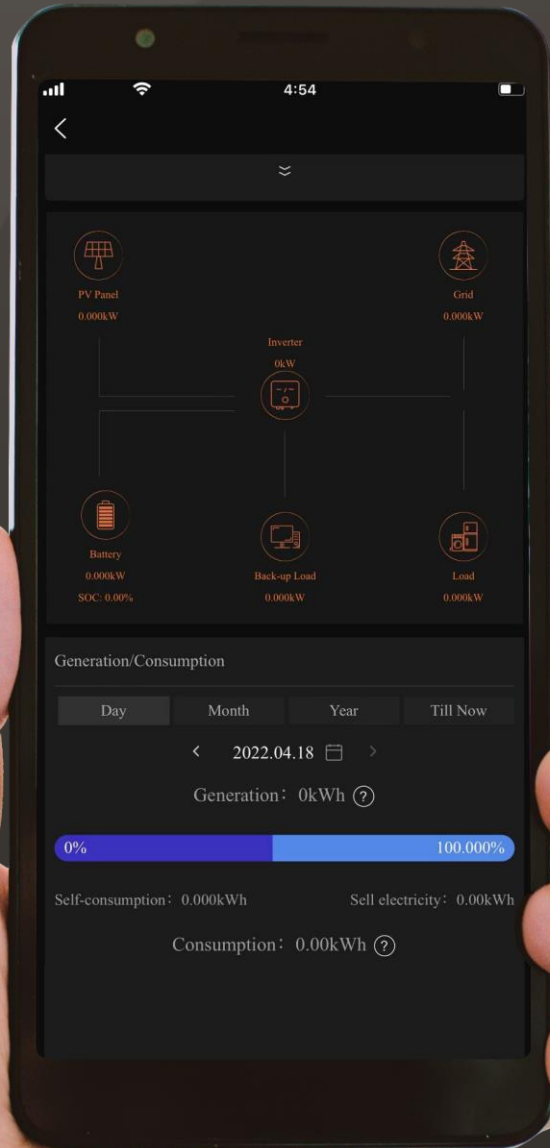
iPack Battery

High energy density LiFePO₄ module



- Stack installation, time and cost-saving
- Long cycle life span > 8000 cycles
- Remote online services
- Flexible capacity choice from 8kWh to 28kWh

Key Parameters	iPack-H4
Norminal Capacity(kWh)	8~28
Dimensions (mm)	W600*D196*H380
IP Class	IP65
Net weight (kg)	36
Operating temperature range (°C)	-10~50
Life Cycles	> 8000



One key diagnosis



Data visualization



Data tailor-made



Multi-language



Data calendar



Cloud management



Remote service



1 Person **20**
mins

No Wall-Mounted required, Save your installation bill



iOne



1. Stacked design
2. No wiring between batteries
3. Built-in EV charging module

Other

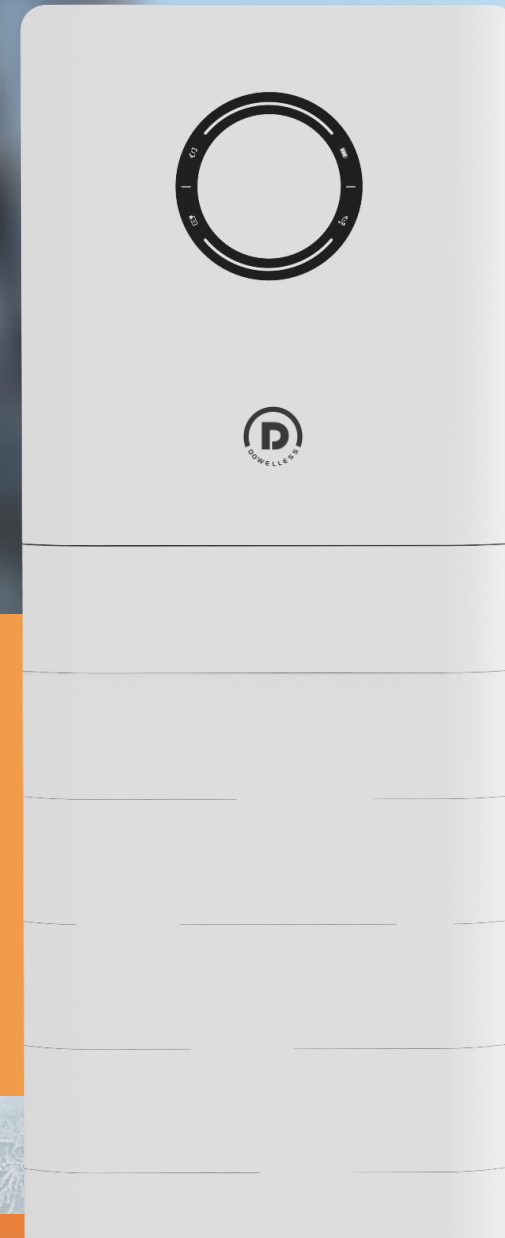


1. Split design
2. Complicated wiring work
3. Need additional EV charging wall dock

Temperature control balance
for your smart ambient
working condition

-10°C ~ 50°C

Optimum low temperature operation



Warehouse logistics / Technical services



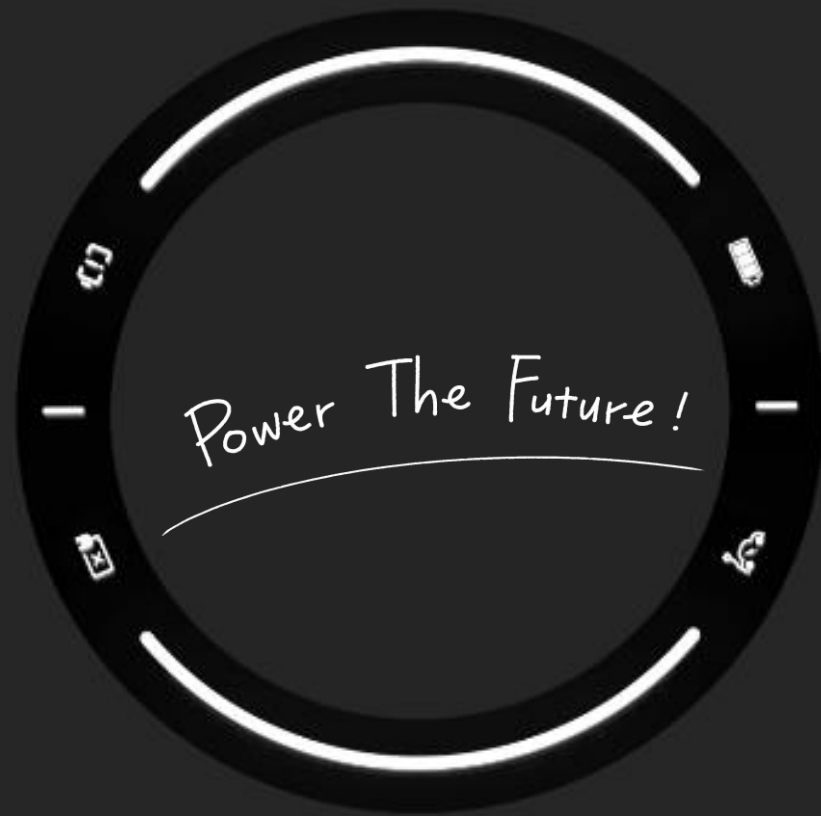
US
Service Centre

UK
Service Centre

Netherland
Logistics Centre

Germany
Service Centre

Fast service for our partners



Dowelless



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