

*Power The Future!*



DOWELL



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GenkiPWR Social Media

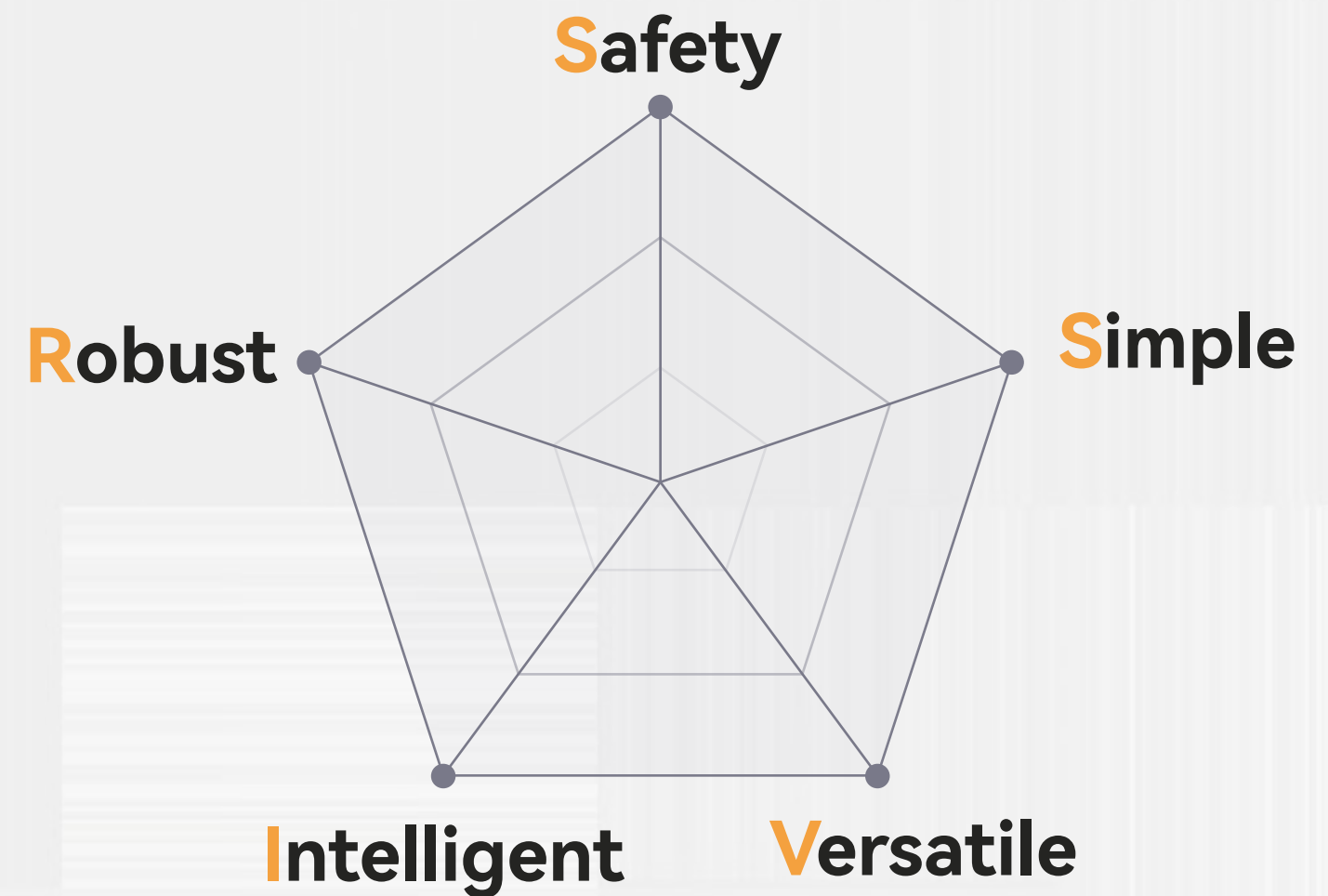


DOWELL Social Media



# PRODUCT COLLECTION

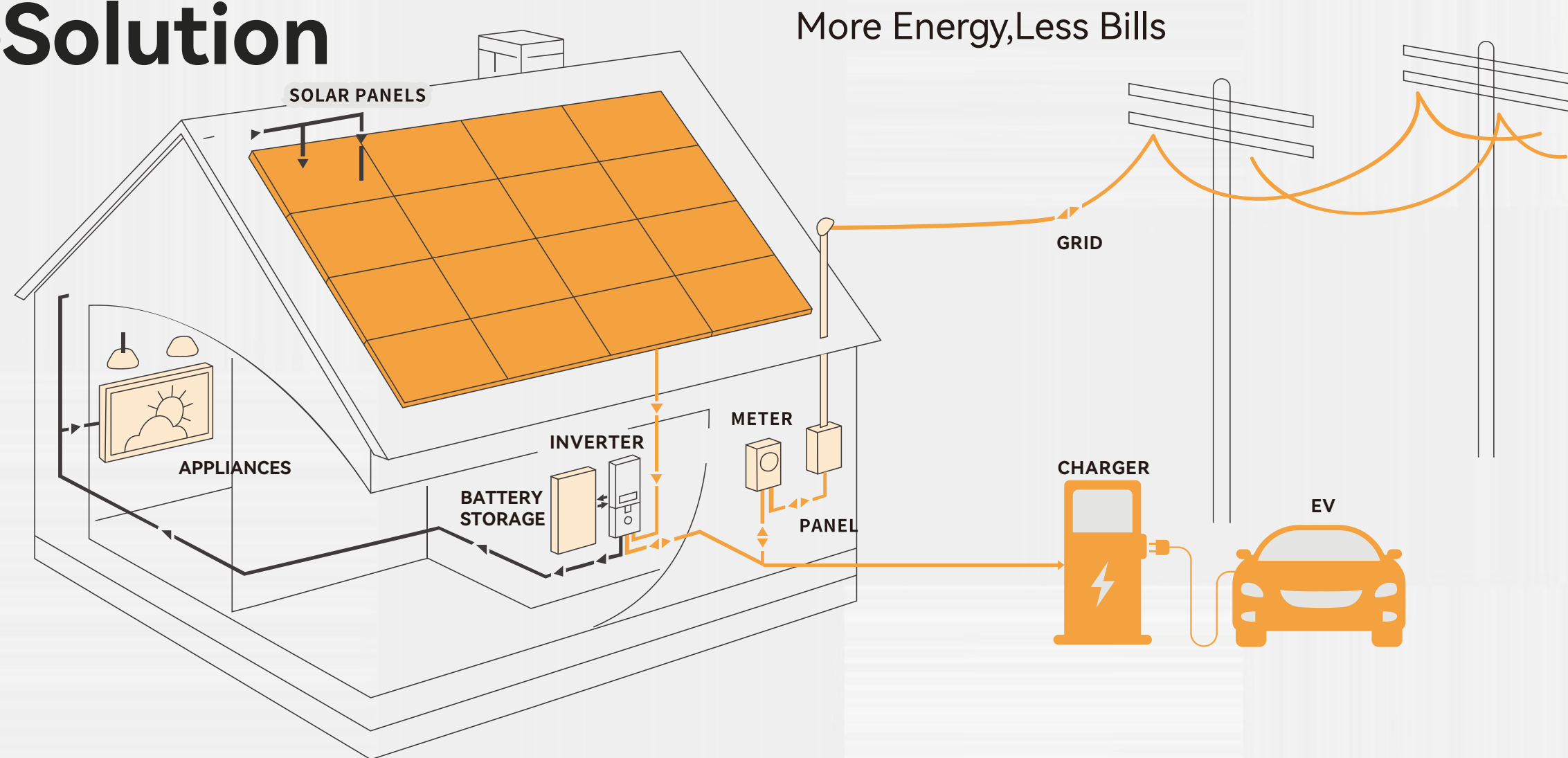
## Residential Energy Storage Solution



Dowell offers a comprehensive Home Energy Solution designed to reduce your utility expenses and minimize dependence on the grid. Our products boast effortless installation, user-friendly operation, intelligent features, and a robust safety profile. Its adaptability and scalability ensure its to meet every energy requirement.



# Ecosmart HomeSolution



## Long Cycle Life

The second-generation ultra-long cycle battery cell can reach 15,000 cycles, meeting a 20-year calendar life, truly achieving the same lifespan as photovoltaic panel.



## -20 °C Low Temperature Resistance

Ultimately, the battery achieves more discharge capacity at low temperatures (ex. -10°C > 80% vs. 25°C Cap), allowing higher low-temperature charging rates (ex. -20°C 0.1C, -10°C 0.2C, 0°C 0.3C).



## High Safety

Committed to providing extremely safe energy storage solutions, product development is centered on safety, taking safety of different factors into account throughout the product's lifecycle, including design safety, manufacturing safety, transportation safety, usage safety, and retirement safety.

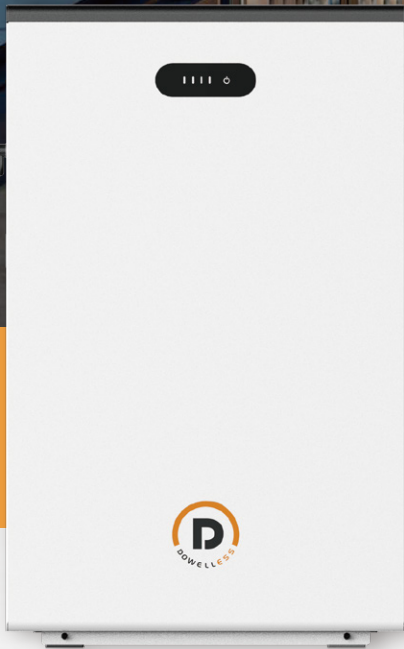


## Easy Installation

Stacking and wireless module design support quick installation and reduce installation costs; ultra-thin module design, suitable for garage installation.

# LV Series Battery

## iPackC 6.5



Wall-mounted or floor-standing, small footprint.



Reliable LFP battery, super temperature balance.



Batteries can be parallel-connected.



Compatible with tier 1 inverter brands.



Minimum through output energy 27000kwh/10years.

### iPackC 6.5

Specifications	
Nominal Energy	6.5kWh
Usable Energy	6kWh
Nominal Voltage	51.2Vdc
Operating Voltage Range	44.8 to 57.6Vdc
Charge/Discharger Power	
Recommend	3.3kW
Max. Continuous	5kW
Peak	6.9/60sec
Depth of Discharge	95%
Cycle Life	>8000/25°C
Design Life	15+Years/25°C
Dimension[W*D*H]	475*133*745mm
Weight	58kg
Cooling Method	Natural
Humidity	5%~95%(RH)No Condensation
Ip Rating	IP55
Operating Temperature	-10°C to 50°C
Storage Temperature	-30°C to 60°C
Cell Safety Certification	IEC62619/ UL1973
Pack Safety Certification	IEC62619/ CE
Un Transportation Test Standard	UN38.3 / PI965
Communication Port	CAN
Single String Quantity	16

# LV Series Battery



## iPack C5



Multiple Certifications  
IEC/CE/UN38.3



Flexible Investing Expand-  
able to 5.22-78.3kWh



Intelligent Build in BMS  
Monitored for 24\*7



Easy Installation Plug  
and Play



Safe & Reliable Lithium  
Battery (LFP)

### iPackC 5

Specifications	
Battery System Capacity	5.22kWh
Cell Technology	Li-ion(LFP)
Battery Cell Capacity	102Ah
Configuration	1P16S
Nominal Voltage	51.2V
Operating Voltage Range	45.6~56.2V
Dimension(w*D*H)	520*141.5*470(mm)/20.47*5.57*18.5(inch)
Net Weight	48kg (105.82 lb)
Scalability	Max.15 systems in parallel operation
Installation	Wall mounted only
Depth of Discharge	90%
Battery System Charge Current (Recommended)	80A
Battery System Charge Current (Max)	100A
Battery System Discharge current(Recommended)	80A
Battery System Discharge Current (Max)	100A
Cooling	Natural convection
Communication Port	RS232,RS485,CAN
Protection Class	IP54
Charging Temperature	0°C~50°C (32°F~122°F)
Discharging Temperature	-20°C~50°C (-4°F~122°F)
Humidity	5%-95%
Max.Operating Altitude	2m (6.562ft)
Standard Compliance (more available upon request)	
Certificates	IEC62619/IEC61000/IEC62040/CE/UN38.3

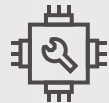




Ultra safe LFP battery  
equipped with UL, IEC, CB, etc



6000 cycles to meet up to  
10-15 years long life



Quick installation support  
with stacking and wireless  
module design



-20 °C low temperature  
resistance



Flexible configuration from 6.68kWh to 20.06kWh persingle system, can be  
paralleled up to 4 systems

## iPack PR

iPack PR HV Series		2S	3S	4S	5S	6S
Cell Configuration		32S1P				
	Width	793mm (31.2")				
Dimension	Depth	176mm(6.9")				
	Height	850mm (33.5")	1100mm (43.3")	1350mm (53.1")	1600mm (63.0")	1850mm (72.8")
Weight		84kg (185.2lb)	117.5kg (259.0lb)	151kg (332.9lb)	184.5kg (406.8lb)	218kg (480.6lb)
Chemistry		LFP				
Electrical Characteristics						
Nominal capacity (Ah) @77°F (25°C)		32.65				
Nominal Energy (kWh)		6.68	10.03	13.37	16.71	20.06
Nominal Voltage (V), dc		204.8	307.2	409.6	512	614.4
Working Voltage Range (V), dc		179-230	268-345	358-460	448-576	537-691
Maximum Charge/Discharge Current (A)		32				
Communication Interface		CAN2.0 / RS485				
Scalability		Max.4 in parallel				
Operating Conditions						
Installation Location		Indoor/Outdoor				
Installation Type		Floor Standing/Wall-mounted				
Operating Temperature		-4°F~131°F(-20°C~55°C)				
Certification & Reliability						
Safety		IEC62619-2022/CE/RCM/DE 2510-50/UL1973/UL9540A				
EMC & Transportation		EN61000-6-1/EN61000-6-3/UN38.3				
Environmental Protection		RoHS/REACH				
Ingress Rating		IP65				
Cycle Life		6000 cycles				