

Power The Future!



DOWELL



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GenkiPWR Social Media



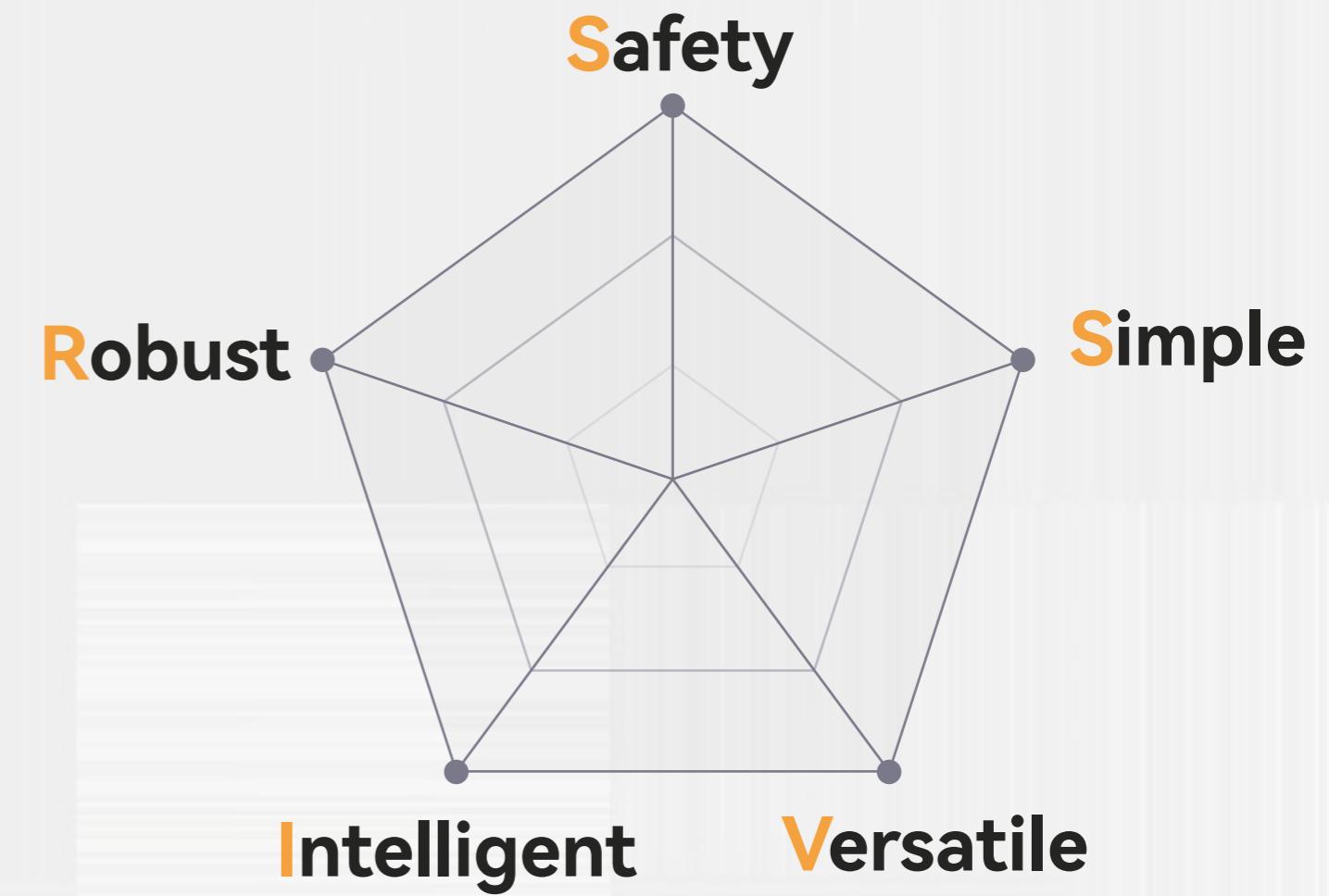
DOWELL Social Media



PRODUCT COLLECTION



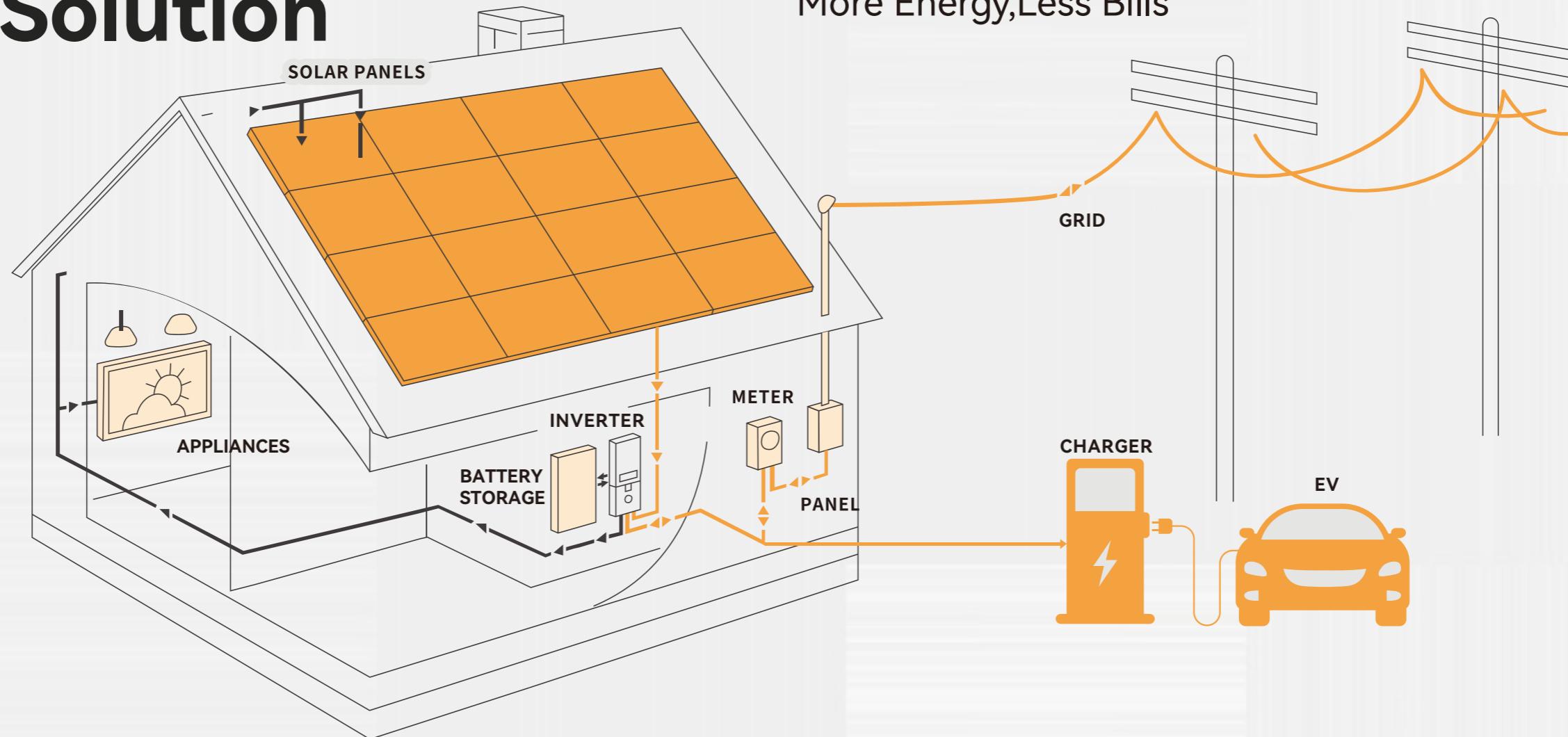
Residential Energy Storage Solution



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

More Energy, Less Bills



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.

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.

-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).



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

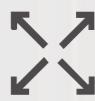
LV Series Battery



iPack C5



Multiple Certifications
IEC/CE/UN38.3



Flexible Investing Expandable 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
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HV Series Battery



iPack PR



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 per single 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")
Weight		84kg (185.2lb)	117.5kg (259.0lb)	151kg (332.9lb)	184.5kg (406.8lb)
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				