

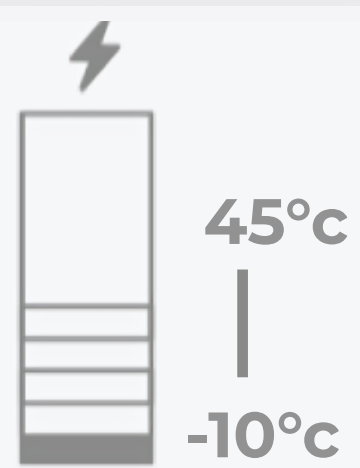
# P2G LV Energy Vault 50

Power your home with clean, reliable energy storage systems designed for everyday living



**50kWh HYBIRD SYSTEM**

**50KWh P2G BATTERY  
& 12KW 3P  
HYBRID SYTEM**



### High Performance

0.5 C Charging and Discharging



### Easy Installation

Quick Set-up  
Easy Commissioning



### Safety

Highest Grade LFP Cells



### Reliability

Highly Reliable and Tested System

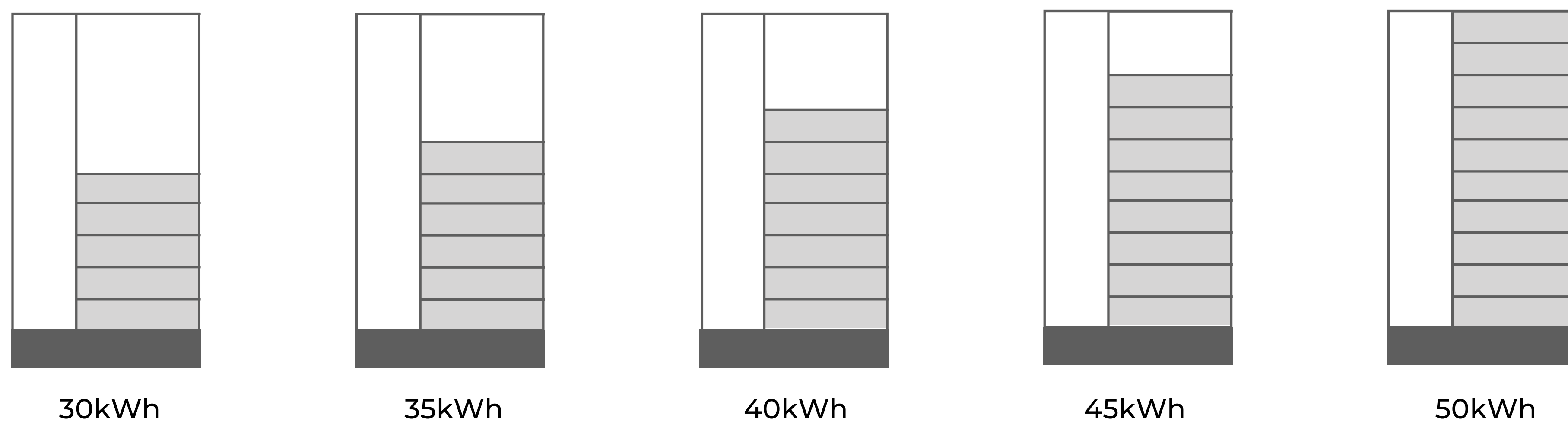


### Flexibility

Flexible Capacity Options  
25kWh ~ 75kWh  
Customized Indoor Rack

**Special Incentive for Installers & EPCs**

# P2G LV Energy Vault 50



## RACK COMPATIBILITY

Battery Module	P2G LV Energy Vault Module (50kWh)				
Number of Modules	6	7	8	9	10
Usable Energy	30 kWh	35 kWh	40 kWh	45 kWh	50 kWh
Nominal Voltage	51.2 V	76.8 V	51.2 V	51.2 V	51.2 V
Operating Voltage	220 V	220 V	220 V	220 V	220 V
Weight	192 kg	224 kg	256 kg	288 kg	320 kg

## TECHNICAL SPECIFICATIONS

Dimensions (H/W/D)	1864 x 589 x 639 mm
Max Output Current	1000 A
Peak Output Current	1700 A, 3 s
Operating Temperature	-10 °C to +45 °C
Battery Cell Technology	Lithium Iron Phosphate (cobalt-free)
Communication	CAN , RS485
Enclosure Protection Rating	IP21
Round-trip Efficiency	≥ 95%
Certification	CE 62619, CE 61000, UN38
Applications	ON Grid / ON Grid + Backup / OFF Grid
Warranty	Max 5 Years
Compatibilities	Refer to P2G Energy VAULT Compatibility List

[1] DC Usable Energy, Test conditions : 100% DOD, 0.2 C charge & discharge at + 25 °C. System usable energy may vary due to system configuration parameters.

[2] Condition supply. Refer to P2G Energy VAULT Limited Warranty Card