

DYNESS

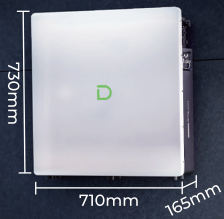
# Powerbox G3

NEW

10.24 kWh~512 kWh Capacity  
Residential Low-voltage Battery



**Ultra Slim Design, Space-saving**  
Floor-mounted, wall-mounted installations



## Ultra Safe

Built-in aerosol fire extinguisher  
to eliminate fire risks  
Automatic pressure relief



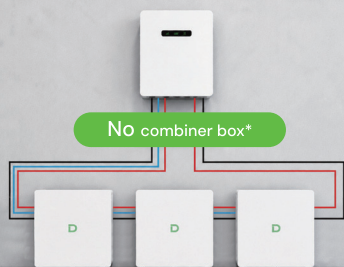
## -20°C Performance



## IP65 & C5-M



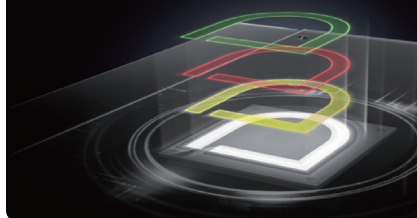
**Lower Cost**  
Supports hand-in-hand connection



\*10 kW < when the power of the inverter system ≤20 kW

**1C** Discharge  
**200 A** (10.24 kW)

**Smart Monitoring  
& Management**  
**LED+APP+Web**



# SPECIFICATION

| Model                                 | Powerbox G3                                                                                |
|---------------------------------------|--------------------------------------------------------------------------------------------|
| Battery Type                          | LiFePO <sub>4</sub> (LFP)                                                                  |
| Nominal Battery Energy                | 10.24 kWh                                                                                  |
| Usable Battery Energy                 | 9.728 kWh                                                                                  |
| Nominal Capacity                      | 200 Ah                                                                                     |
| Nominal Voltage                       | 51.2 V                                                                                     |
| Operating Voltage                     | 44.8 V~57.6 V                                                                              |
| Recommended Charge & Discharge C Rate | 0.5C (100 A)                                                                               |
| Max. Discharge C Rate                 | 1C (200 A)                                                                                 |
| Peak Discharge Current (25°C)         | 300 A, 2min                                                                                |
| Recommended Charge & Discharge Power  | 5.12 kW                                                                                    |
| Max. Discharge Power                  | 10.24 kW                                                                                   |
| Depth of Discharge (DOD)              | 95%                                                                                        |
| Charge Temp. Range                    | -20°C~55°C                                                                                 |
| Discharge Temp. Range                 | -20°C~55°C                                                                                 |
| Net Weight                            | 96.5 kg                                                                                    |
| Dimension[W/D/H]                      | 710/165/730mm                                                                              |
| Protection Level                      | IP65                                                                                       |
| Anti-corrosion                        | C5-M                                                                                       |
| Communication                         | CAN/RS485                                                                                  |
| Cycle Life <sup>[1]</sup>             | ≥8000 Cycles                                                                               |
| User Interface                        | WIFI+APP                                                                                   |
| Safety Protection                     | Built-in aerosol fire extinguisher                                                         |
| Installation                          | Floor-mounted, Wall-mounted                                                                |
| Expansion                             | Up to 50 units in parallel                                                                 |
| Warranty Period <sup>[2]</sup>        | 10 Years                                                                                   |
| Certification & Safety Standard       | UN38.3/CE-EMC/IEC62619/IEC62040/CE-RED/CEC/CEI 0-21                                        |
| Compatible Inverters                  | SMA/Victron Energy/Ingeteam/Solis/GoodWe/<br>Growatt/Solplanet/Luxpower/Deye/Apsystem etc. |

[1] Test conditions: 0.2C Charging & Discharging, 25°C, 95% DOD, 70%EOL

[2] Refer to Dyness Warranty Letter

