



Charge controller and inverter integrated



Export control (Zero export)



10ms UPS-level Switching



Maximum charge and discharge up to 100A



IP65 dustproof and waterproof



Fanless design, long lifespan



Interry Input Data Items Type** Li-lon Items Type** Li-lon Items Type** Li-lon Items Type** Li-lon Items Voltage Range (V) 48 Items Voltage Range (V) 40 Items Voltage Range (V) 10 Items Voltage Range (V) 125 Items Voltage Range (V) 125 Items Voltage Range (V) 125 Items Voltage Range (V) Items Voltage Range (V) Items Voltage (V) Voltage Range (V) Vol
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PPT Efficiency 99.9%
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C Overcurrent Protection Integrated C Short Circuit Protection Integrated
Overvoltage Protection Integrated
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^{*1:} The actual charge and discharge current also depends on the battery.
*2: 4600 for VDE 0126-1-1 & VDE-AR-N4105 & NRS 097-2-1, 5100 for CEI 0-21 (GW5048D-ES); 4050 for CEI 0-21 (GW3648D-ES).

^{*3:} Can be reached only if PV and battery power is enough.

*4: CAN communication is configured by default. If 485 communication is used, please replace the corresponding communication line.

^{*5: 4600} for VDE 0126-1-1 & VDE-AR-N4105 & NRS 097-2-1, 4600 for CEI 0-21 (GW5048D-ES).
*6: 18 for CEI 0-21.

^{*7:} FOR AUSTRALIA ONLY. Model GW3648D-ES inverters are designed without DC switch. For inverters designed with DC switch, the model name should be GW3648C-ES.

^{*8:} FOR AUSTRALIA ONLY. Model GW5048D-ES inverters are designed without DC switch. For inverters designed with DC switch, the model name should be

^{*9:} For Australia Max. Short Circuit Current per MPPT (A) please refer to 'Manufacturer declaration: short circuit current'.

^{*:} Please visit GoodWe website for the latest certificates.

**: Please refer to the user manual for the MPPT Voltage Range at Nominal Power.