

GBESS 6.0_7.2KWH Battery Storage System (3-phase, lithium-ion battery, all-in-one version)

Storage system	GHESS 6.0_7.2KWH
System parameters	
Nominal/useable capacity [kWh]	7.2 / 5.76 @ 80% DoD
Installation	All-in-one cabinet
Warranty [year]	5 years standard, battery 10 years extendable
Battery side input	
Operating voltage range [V]	144 @ [120, 500]
Max. charging power [kW]	4
Max. charging current [A]	18
Charging/discharging efficient	97% / 96.5%
AC output-on grid	
Max. output power [kW]	4
Output voltage range [V]	3N~400, 324 - 436, 437 - 460 (<10min.)
Certification	VDE-AR-N4105
AC output-off grid (Optional)	
Rated voltage & frequency [V/Hz]	400±2%, 50±2%
Output power [kW]	Rated power 2.5, instantaneous power 5.0
Power factor	[-0.95, +0.95]
Battery packs	
The lithium iron phosphate battery pack	
Nominal capacity [kWh]	7.2
Module/unit	H48V / 50Ah lithium battery module * 3 modules in string
Life cycle	80% DOD for 6000 life cycles
Visual interface	
Local EMS & Webportal & Smart Apps	
EMS	7 inch color touch screen
Interface communication	RS485 / Ethernet / WiFi



Lithium-ion Battery System:
600 * 600 * 1400 mm



EMS Display Interface

Introduction

Global Mainstream Dynamic Energy Technology Ltd. (GMDE) mainly focuses on the development, manufacture and sales of reliable and cost-effective energy storage inverters and total solutions. We strive to provide highly reliable and efficient green energy solution worldwide, maximizing the value for our customers.

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