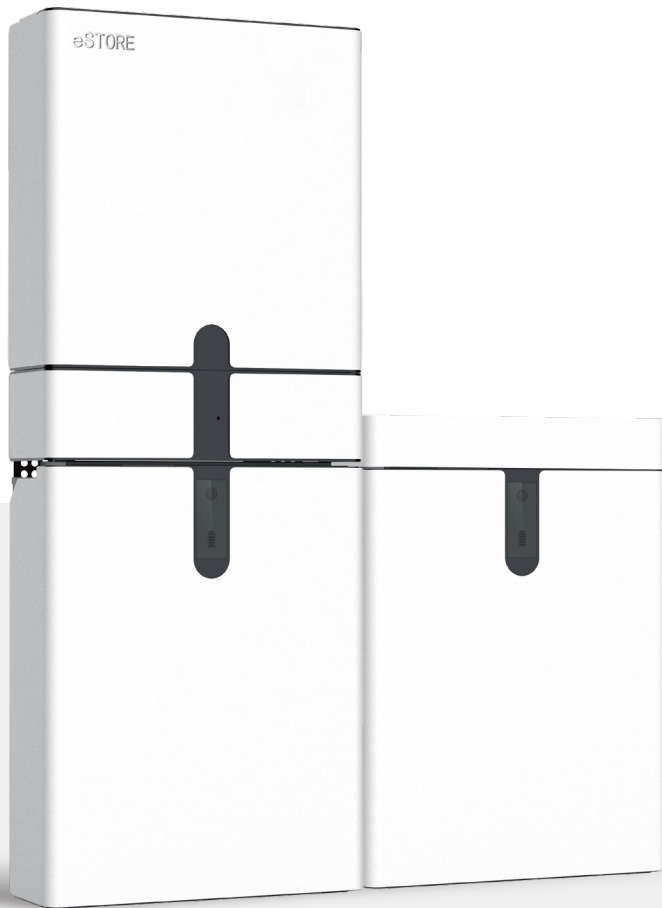








On Grid Energy Storage System (ESS) **COMPLETE SOLUTION** for Residential Applications

# eSTORE

Powered by Goodwe



## ✓ Key Features

-  **Elegant Design**  
Unified design of the whole unit
-  **Outdoor**  
IP65 rating can be installed outdoor
-  **UPS**  
Uninterrupted power supply in 0.01S
-  **VPP Ready**  
Compatible with Discover Energy VPP function
-  **High Energy Density**  
44.6Wh per Litres
-  **Quick Installation**  
Plug and play design, significantly reduce installation time



### Real-time Monitoring

All systems can be monitored by **Web and iOS/Android APP.**



### Safest Chemistry

AlphaESS uses Li-phosphate for its excellent safety and long lifespan.

**Alpha ESS Australia Pty. Ltd.**

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🌐 www.alpha-ess.com.au

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## eStore-BAT-10.3P Inverter Specifications

Inverter Model	GW5048-EM	GW5048D-ES	GW5000S-BP
Max Solar Size (W)	7500	8500	
AC Power (On Grid) [VA]	5000	4950	5000
AC Power (Buck-Up) [VA]	2300	4600	5000
Peak AC Power [VA]	3500, 10 sec	6900, 10 sec	5500, 10 sec
Nominal Voltage [V]	48	48	48
Max. Charging Current [A]	50	100	100
Dimensions (WxHxD) [mm]	1604 x 610 x 236.6 mm	1604 x 610 x 236.6 mm	1604 x 610 x 236.6 mm
Monitoring	APP + Cloud Monitoring	APP + Cloud Monitoring	APP + Cloud Monitoring
VPP Function	Yes	Yes	Yes
UPS Function	Yes	Yes	Yes
Inverter Warranty [Years]	5	5	5
Grid Regulation	AS/NZS 4777.2:2015, G83/2, G100, CEI 0-21, VDE4105-AR-N, VDE0126-1-1, NRS 097-2-1, RD1699, UNE206006, EN50438	VDE-AR-N 4105, VDE0126-1-1, AS4777.2, G83/2, CEI 0-21, NRS 097-2-1, EN50438	AS/NZS 4777.2:2015, G83/2, G100, CEI 0-21, RD1699, UNE206006, VDE4105-AR-N, VDE0126-1-1, EN50438
Safety Regulation	IEC62109-1&2, IEC62040-1	IEC62109-1&2; IEC62040-1	IEC62477-1, IEC62040-1
EMC	EN61000-6-1, EN61000-6-2, EN61000-6-3, EN61000-6-4, EN 61000-4-16, EN 61000-4-18, EN 61000-4-29	EN61000-6-1, EN61000-6-2, EN61000-6-3, EN61000-6-4, EN 61000-4-16, EN 61000-4-18, EN 61000-4-29	EN 61000-6-1, EN 61000-6-2, EN 61000-6-3, EN 61000-6-4, EN 61000-4-16, EN 61000-4-18, EN 61000-4-29

## Battery Specifications

Battery Model (type)	eSTORE-BAT-10.3
Battery Type	LFP (LiFePO4)
Energy Capacity	10.3 kWh, Up to 2 Batteries (20.6 kWh)
Usable Capacity	9.3 kWh per battery unit
Max. Charging/Discharging Current	100 A (0.5C) (Depands on Inverters)
Safety	IEC 62619
Warranty	5 Year Product Warranty, 10 Year Performance Warranty, ≥ 8000 Cycle Life

