

# EnerGalactic-3727-1C NEW

COSPOWERS

Application Field

- Post-meter electricity market, peak-valley arbitrage and backup power supply of C&I (commercial and industrial) energy storage on the customer side.
- Peak shaving and valley filling for smooth output of wind and solar new energy power stations.
- Grid frequency regulation and peak load regulation in the pre-meter electricity market, as well as capacity expansion of distribution network transformers.



Temperature Difference  
inside the Battery  
Pack: <5°C



Triple-level Fire  
Protection for  
High Safety



High Energy Density  
for Flexible Layout  
and Expansion



Modular Prefabrication  
No On-site Installation  
Required

| Parameters/ Model        |                                | EnerGalactic-3727-1C           |
|--------------------------|--------------------------------|--------------------------------|
| Battery Module           | Cell Capacity                  | 280Ah(LFP)                     |
|                          | Battery Pack                   | 1P52S                          |
|                          | Module Voltage                 | 166.4V                         |
|                          | Module Power                   | 46.59kWh                       |
|                          | IP Class                       | IP67                           |
| Battery Cluster          | NOs.of Modules                 | 8pcs                           |
|                          | Cluster Nominal Voltage        | DC1331.2V                      |
|                          | Voltage Range                  | 1164.8~1476.8V                 |
|                          | Single Cluster Power           | 372.73kWh                      |
| Battery Cabin            | Nos. of Battery Clusters       | 10pcs                          |
|                          | Battery system energy          | 3727kWh                        |
|                          | Battery Cabin Dimension(W*D*H) | 6058*2438*2896mm               |
|                          | Weight                         | ≤39t                           |
|                          | Cooling Method                 | Liquid Cooling                 |
|                          | IP Class                       | IP54                           |
| Compliant with Standards | Cluster                        | IEC62619、UL1973、UL9540A、UN38.3 |



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