

Sun Shelter Solar Battery Covers

Built for the Harsh Aussie Sun



Key Features

- **High-Strength Aluminum Alloy Frame**- Rigid and corrosion-resistant.
- **Polycarbonate (PC) Sunlight Panel** – Lightweight and impact-resistant.
- **Outstanding UV Protection**. UV blocking rate \geq 99%, fully blocks 280-400nm UV. Build for Australia's extreme sun exposure.
- **Solar shading Efficiency**. SC 0.4-0.5, reduces glare and heat.
- **Heat Control**. g-value 0.3-0.4, only 30- 40% solar heat passes through.
- **Outdoor Durability**. After 4000 hours accelerated UV aging, yellowing Index change $\Delta YI \leq 2$, tensile strength retention $\geq 85\%$. Designed for long-term outdoor use with strong resistance to yellowing and embrittlement.
- **Thermal Insulation**. (K-value): Approximately 2.35 W/(m²·K). The hollow structure of the honeycomb core further enhances thermal insulation performance.
- **Service life**: 10 years Anti-Aging Design.
- **Easy Installation and removable front panel for battery service and maintenance**



GYO Energy
Info@gyoenergy.com.au
0411320212
WWW.GYOENERGY.COM.AU