

SUNLIGHT Renewable Energy Storage Series

	RES Premium Range				RES Advanced Range		RES Quality Range	
Battery Type	RES OPzS 6V & 12V Block	RES OPzS 2V Cell	RES OPzV 6V & 12V Block	RES OPzV 2V Cell	RES SOPzS 2V Cell	RES SOPzV 2V Cell	RES SLT 6V & 12V Block	RES SLT GEL 6V & 12V Block

Applications

• Grid Storage <i>Mini-Grid, Grid Stabilization</i>	-	✓	-	✓	-	-	-	-
• Residential Installations <i>Small Home Solar Systems, Solar Stand-alone Systems</i>	✓	✓	✓	✓	✓	✓	-	-
• Remote Telecom Stations <i>Base Transceiver Stations, Backbone Points of Presence</i>	✓	✓	✓	✓	✓	✓	-	-
• Infrastructure PV Systems <i>Water Pumping, Oil & Gas Distribution, Traffic Signaling, Road Lighting, Telemetry, Security Systems</i>	✓	-	✓	-	✓	✓	✓	✓

Technical Parameters

• Capacity <i>C120, 1.85Vpc, 20°C</i>	86 – 408 Ah	187 – 4620 Ah	63 – 381 Ah	290 – 4248 Ah	180 – 1200 Ah	150 – 1360 Ah	53 – 469 Ah	62 – 366 Ah
• Technology	Vented (VLA)		Valve regulated (VRLA)		Vented (VLA)	Valve regulated (VRLA)	Vented (VLA)	Valve regulated (VRLA)
• Positive Plate	Tubular		Tubular		Tubular		Tubular	Flat
• Container / Lid	Transparent SAN / ABS		ABS (VO optional)		Translucent Polypropylene/Polypropylene	Polypropylene	Polypropylene	
• Electrolyte	Liquid		GEL		Liquid	GEL	Liquid	GEL
• Cycle Life <i>(60% DoD @ 20°C)</i>	2000 cycles	2300 cycles	2000 cycles	2500 cycles	2000 cycles	2000 cycles	1200 cycles	600 cycles
• Design life <i>(under float condition)</i>	18 years	20 years	15 years	18 years	18 years	15 years	12 years	

Why SUNLIGHT?

30 years of Experience in Battery Business

- **TOP 3** in the global advanced technology battery sector
- **TOP 10** in the global industrial battery sector
- Global design and deployment experience on demanding requirements for Renewable Energy Storage solutions

“One Stop Shop”

- From single components/products to turn-key solutions
- Robust high quality products & services portfolio
- Lifetime value maximization & TCO approach

Extensive Global Know-how

- Strategic co-operation with TOP market players and systems integrators worldwide
- Established global partners network serving active clientele in more than 100 countries
- More than 40 MW of off-grid Power Supply Systems installed worldwide

Exceptional Customer Service

- Peace of mind through worldwide pre-sales & after-sales support
- Highly experienced engineering team for design & development
- Global project management competence

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ADDED VALUE SERVICES

Turn-key solutions design and implementation

Installation & maintenance services

360° Technical Support 24x7

Training and consulting

Collection and Recycling Services



 **SUNLIGHT**
Reliable Battery Solutions

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