

HRESYS 48V Solar Energy Storage System

Off Grid / On Grid Solar Systems

MAIN

APPLICATION

On Grid / On Grid + Backup /
Off Grid

HRESYS BESS

Based on lithium batteries and management systems with in-depth research and development of energy storage systems, solar power systems, backup systems, and other solutions.

SOLUTIONS

HRESYS is a dedicated BESS (battery energy storage system) provider. Based on industry research and technology innovation, HRESYS has formed a series of reliable and affordable BESS battery products and solutions to the global market.



BMS R & D
Research



BESS System
Design



Technical
Support

KEY FEATURES

- 1 Safty and Reliability**
Self-managed battery with an internal smart BMS ensures a safe and reliable option for energy solutions.
- 2 Flexibility**
Support system parallel connection and enabling expand the system. Easy installation and cost savings.
- 3 Communication**
RS485 / CAN



 Aeson Power Pty Ltd

 info@aesonpower.com.au

 www.aesonpower.com.au

AESON

POWER

HRESYS 48V Solar Energy Storage System



Battery Module	TL48100LFP-3U							
Battery Module Quantity	1	2	3	4	5	6	7	8
Battery System Voltage (Vdc)	48V							
Battery System Capacity (Ah)	100	200	300	400	500	600	700	800
Battery System Capacity (kWh)	4.8	9.6	14.4	19.2	24	28.8	33.6	38.4
Dimension (L * W * H, mm)	600* 600*1000			600*600*1400		600*600*180		600*600*2100
Cabinet	Black colour with glass front door (powder coated)							
Communication	RS485/CAN							
Temperature Range	Charge: 0~60°C; Discharge: -20~60°C							
Cycle Life	≥6000 @25°C 80%DoD @25°C 60%EOL							
Humidity	5% ~ 95% (RH) No Condensation							
IP Rating	IP22							
Charge & Discharge Efficiency	95%							
Weight (Kg)	84	127	170	223	266	321	364	412