

# WECCO



HeSU 4K4 ESS 2018

# LFP



- Standard 48 Vdc
- Up to 5 units in parallel, total capacity of 22.5 kWh
- Floor or Wall mounted
- 3 Independent communication ports
- Programmable auxiliary contacts
- Monitoring system via WEB APP CUB8 (opt.)
- High capacity cells, up to 100% DoD
- Designed and tested for harsh and desartic environments (Desert proof IP65)
- Operating temperature 25% higher than STD Lithium versions.
- Additional control sensors for extra safety
- Programming software suitable for Windows and iOS
- Debugging and inbuilt log memory
- Real Time monitoring on CUB server (Opt.)
- Real time equalization (Fast Balance) with preventive and corrective functions





Model	HeSU 4K4 - R19/4
Voltage	Low Voltage (STD 48Vdc)
Operative voltage	46.3-57.8Vdc
Max - cut out/ cut off -	44-58.8Vdc
Max Battery capacity	4.95 kWh
Nominal capacity	86Ah
Net Energy	4.45 kWh
Cell type	LFP O-Li
Power output	5kW
Nominal Power	3kW
Expected cycles @ STC	7000
Nominal current Input/output BMS	-70A / +60A
Operative temperature in discharge	-20°C + 60°C
Net Weight	53 kg
Installation mode	Wall or floor mounted
Operational expectation up to:	15 years
Stock period without recharge	2 years from the production date and in the Temp. range of -20°C + 50°C
Display	RUN, LOW BAT, FAULT with LED
Accessories	Data cable: CAN RJ45/RJ45, RJ45/RJ9S, RS 232, RS 485 AWG cable: 100 cm with ring terminal (RED/BLACK) Earthing cable: Single core yellow/green with ring terminal
Standards	IEC 61600-6-3: 2017 61600-3-2:2014 61000-3-3:2013 61600-6-2007 CE UN 38.3
Enclosure	Steel
Warranty	10 years
IP grade	IP20 ( IP 65 on request)
Recycle program	<b>cobat</b>
Legal Information	<p>The technical specifications contained in this document are subject to change without notice. The <b>cobat</b> Logo is the exclusive property of the <b>cobat</b> consortium and has no corporate ties with WeCo or the Group's companies. The recycling and withdrawal at the battery's "end life" is regulated by the National Convention stipulated with <b>cobat</b>.</p> <p>Management and programming software are released for temporary use. The firmware released by WeCo for implementation of the functions and security, must be installed by qualified installers.</p> <p>The terms of sale and warranty terms are published on the website.</p>

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- Italian Electronics Reg. RAEE IT18020000010253 -  
End Life program in service agreement with **cobat**  
[www.weco.uk.com](http://www.weco.uk.com)