

## ARVEY E-Series

Mobile battery storage - strong, enduring, quiet



	ARVEY E3	ARVEY E5
<b>AC Output</b>		
Continuous power	3000 W	5000 W
Frequency	50 Hz	
Waveform	Pure sine wave	
Voltage	230 V AC	
Peak power	4500 W (20 s) 9000 W (< 0,5 s)	7500 W (20 s) 15000 W (< 0,5 s)
Efficiency DC-AC	85 – 90 %	
<b>Battery</b>		
Capacity	4403 Wh	6144 Wh
Electric charge	86 Ah	120 Ah
Nominal voltage	51,2 V	
Technology	LiFePO4 (Lithium Iron-Phosphate)	
Charging time	4,5 h	
Life cycles	> 2000	
<b>AC Input (Generator or grid)</b>		
Voltage	230 V AC (140 – 275 V AC possible)	
Frequency	50 Hz (45 – 65 Hz possible)	
Efficiency AC-AC	100 % (input directly bypassed to output)	
Transfer time AC-Input to Battery (UPS)	7 ms	
<b>Photovoltaic</b>		
Power	max. 1600 W	max. 3200 W
Current	max. 30 A	max. 60 A
Voltage range	60 V to 150 V	
Controller technology	MPPT	
Efficiency	≥ 99%	

## ARVEY E3

## ARVEY E5

### Connectors

Sockets	1x Schuko socket type F	1x Schuko socket type F 1x 32 A CEE 3 pole
Input connectors	1x 230 V powerCON TRUE1 PV terminal block (with MC4 adapter)	
Other	2x 5 V DC USB (max. 2 A) 2x 12 V DC output jack (max. 2 A)	

### Safety

AC-Output	Overcurrent protection (16 A) Short circuit protection	Overcurrent protection (16 A / 32 A) Residual current protection (30 mA, Type A) Short circuit protection
AC-Input	Overcurrent protection	
Battery	Overcurrent protection Depth discharge protection Overvoltage protection	
Device	Overheating protection	

### General Data

Dimensions (L x W x H)	620 x 420 x 660 mm	620 x 420 x 660 mm
Weight	78 kg	111 kg
IP class	IP 20	
Operating temperature	-20° C bis +50° C	
Storage temperature	-25° C bis 55° C	
Relative humidity	< 90 % (no condensation)	
Cooling	active (smart fan control)	
Casing colour	black	
Warranty	Device 2 years, Battery 2 years	

### Certificates and standards

CE (LVD)	EN 62368-1:2014+A11:2017
CE (EMC)	EN 55032:2015, EN 61000-3-2:2014, EN 61000-3-3:2013, EN 55035:2017
CE (RoHS)	Yes
Battery	CE, UN38.3, IEC62619, UL

**Info:** AXSOL's energy generation and storage systems can be ideally configured for any application thanks to their modular structure and are designed specifically for the customer. Send an [inquiry to info@axsol.eu](mailto:info@axsol.eu) with the requirements you want and we will make you an offer.

