



ARTS ENERGY
— MOBILITY —

48V

Pack Battery



- ✓ **Safe and proven LiFePO4 technology**
- ✓ **Efficient and sustainable pack battery to 6000 cycles**
- ✓ **BMS developed in France par ARTS Energy Mobility**
- ✓ **Modular solution up to 96V**



Overcurrents, overdischarges and overloads protection




**Standardized CAN bus
Power and DATA connectors**



**Standars and certifications
R10-05, R100-02, R100-03**



		48V-120Ah	48V-180Ah	48V-210Ah (available 2026)	48V-240Ah	48V-304Ah
	Ref	AEM-120-48	AEM-180-48	AEM-210-48	AEM-240-48	AEM-304-48
ENERGY	Useful energy	5,8kWh	8,6kWh	10,1kWh	11,5kWh	14,6kWh
	Useful capacity	120Ah	180Ah	210Ah	240Ah	304Ah
CURRENT	Continuous discharge current	120A	180A	210A	240A	210A
	Discharge current max.	240A (60s)	240A (60s)	350A (10s)	355 (30s)	350 (10s)
	Continuous charge current	60A	90A	105A	120A	160A
	Charge current max.	120A	180A	210A	240A	210A
	Charge current max. regeneration	120A	180A	210A	240A	210A
MECANIC	Length (including connectors)	605mm	766mm	590mm	639mm	689mm
	Width (excluding fixings)	354 mm	354mm	500mm	573mm	474mm
	Height	221mm	221mm	250mm	221mm	251mm
	Weight	59kg	80kg	90kg	108kg	105kg
OPTIONS	Heating	✓	✓	✓		✓
	Configurable preload	✓	✓	✓	✓	✓
	Max. number of batteries in series	2	2	2	2	2
	Max. number of parallel batteries	10	10	10	10	10
	Operating temperature range	-20°C / +45°C				