



ABC BATTERY CHARGER

# UNIVERSAL BATTERY CHARGER

## Powerful Solutions Partner

Micropower Group is a complete system supplier of industrial Lithium-Ion batteries, battery chargers and power supplies. With own production and R&D, we take responsibility for the whole chain where we develop, design and manufacture and supply battery and battery charging products and systems to customers and distributors worldwide.

Micropower Group AB  
Gullhallavägen 20  
SE-352 50 Växjö, Sweden

Phone: +46 (0)470 727 400  
sales@micropower.se  
www.micropower-group.com

**MICROPOWER GROUP**<sup>TM</sup>  
POWERFUL SOLUTIONS PARTNER



# FOR ALL BATTERY TYPES

CHARGER WITH SWITCHING MODE TECHNOLOGY



### About the product

Micropower ABC chargers is a universal battery charger that can be adapted to all kinds of battery types, such as Open Lead-acid, GEL/AGM, NiCad, NiMh, Lithium etc.

The chargers operates in high frequency technology and is very compact with high efficiency.

The charging process is controlled by a microprocessor with a pre-programmed charging algorithm. Different charging algorithms for all types of batteries and sizes are available at Micropower.

The size combines with low weight make these chargers particularly suitable for on-board vehicle mounting. Connections for external LED's, temperature compensated charging and control function, for example immobilizer, is available on the charger.

- Up to 120A
- Wide range of models
- Polarity protected
- No sparks
- Short circuit protection
- Temp. compensated
- Compact
- Easy to install
- Robust design
- User friendly
- Limited current
- High efficiency

### Specifications and models, 600-800W

Article number	0036155	0036160	0036030	0036130	0036415	0036460	0036476
Charging current	40A	50A	30A	30A	15A	10A	7,5A
Charging voltage	12V	12V	24V	12V	48V	72V	96V
Available charging programs	GEL/AGM, STANDARD, LITHIUM, TRACTION						
Recommended battery capacity	40-500Ah	50-600Ah	30-400Ah	30-400Ah	15-200Ah	40-10-150Ah	7-100Ah
Ambient temperature	-25°C > +40°C°						
Weight	1,5 kg						
Dimensions (L x W x H)	230 x 112 x 75 mm						
Input	90 Volt - 255 Volt AC, 45 Hz - 400 Hz (<200V brings power limitations)						
Ripple	<1%						
IP class	IP21						
Protection class	Class I, grounded						
Mains cable	3 x 0,75mm <sup>2</sup> Rubber cable 1,5m						
Battery cables	2 x 10mm <sup>2</sup> 1,5m						
Housing	Aluminum						

### Specifications and models, 1600W

Article number	0036170	0036175	0036178	0036040	0036050	0036061	0036430
Charging current	60A	80A	100A (120A peak)	40A	50A	60A	30A
Charging voltage	12V	12V	12V	24V	24V	24V	48V
Available charging programs	GEL/AGM, STANDARD, LITHIUM, TRACTION						
Recommended battery capacity	60-700Ah	80-850Ah	100-1100Ah	40-440Ah	50-550Ah	60-660Ah	30-330Ah
Ambient temperature	-25°C > +40°C°						
Weight	2,3 kg						
Dimensions (L x W x H)	258 x 136 x 89 mm						
Input	90 Volt - 255 Volt AC, 45 Hz - 400 Hz (<200V brings power limitations)						
Ripple	<1%						
IP class	IP21						
Protection class	Class I, grounded						
Mains cable	3 x 0,75mm <sup>2</sup> Rubber cable 1,5m						
Battery cables	2 x 16mm <sup>2</sup> 1,5m 2 x 25mm <sup>2</sup> 1,5m 2 x 10mm <sup>2</sup> 1,5m						
Housing	Aluminum						