



# ABC CHARGERS

- 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



## ABC CHARGERS

**Primepower 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 charger 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.

The size combined 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.



**600/800W**



**1600W**

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## SPECIFICATION AND MODELS 600/800W & 1600W

Article number	0036155	0036160	0036030	0036415	0036460	0036476
Charging current	40A	50A	30A	15A	10A	7,5A
Charging voltage	12V	12V	24V	48V	72V	96V
Available charging programs	GEL/AGM/STANDARD/LITIUM/TRAKTION	GEL/AGM/STANDARD/LITIUM/TRAKTION	GEL/AGM/STANDARD/LITIUM/TRAKTION	GEL/AGM/STANDARD/LITIUM/TRAKTION	GEL/AGM/STANDARD/LITIUM/TRAKTION	GEL/AGM/STANDARD/LITIUM/TRAKTION
Recommended battery capacity	40-500Ah	50-600Ah	30-400Ah	15-200Ah	10-150Ah	7-100Ah
Ambient temperature	-25°C > +40°C					
Weight	1,5Kg					
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)					
Rhipple	<1%					
IP class	IP21					
Protection class	Klass 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					

## SPECIFICATION AND MODELS 1600W

Article number	0036170	0036175	0036178	0036040	0036050	0036061	0036430
Charging current	60A	80A	100A <i>(120A peak)</i>	40A	50A	60A	30A
Charging voltage	12V	12V	12V	24V	24V	24V	48V
Available charging programs	GEL/AGM/STANDARD/LITIUM/TRAKTION	GEL/AGM/STANDARD/LITIUM/TRAKTION	GEL/AGM/STANDARD/LITIUM/TRAKTION	GEL/AGM/STANDARD/LITIUM/TRAKTION	GEL/AGM/STANDARD/LITIUM/TRAKTION	GEL/AGM/STANDARD/LITIUM/TRAKTION	GEL/AGM/STANDARD/LITIUM/TRAKTION
Recommended battery capacity	60-700Ah	80-850Ah	100-1100Ah	40-440Ah	50-550Ah	60-660Ah	30-330Ah
Ambient temperature	-25°C > +40°C						
Weight	2,3Kg						
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)						
Rhipple	<1%						
IP class	IP21						
Protection class	Klass 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			

