

Parameter	OC12-40	OC12-60	OC24-20	OC24-30
Input voltage	100-260VAC / 47-63Hz / PF ± 0.95			
Full load consumption	700VA	1050VA	700VA	1050VA
AC input current (115V/230V)	6A/3A	9A/4.5A	6A/3A	9A/4.5A
Full load efficiency	88%	88%	89%	89%
Nominal output voltage <sup>1)</sup>	12V		24V	
Total output current <sup>1)4)</sup> (Aux.)	40A(4A)	60A(4A)	20A(2.5A)	30A(2.5A)
Charge characteristic <sup>2)</sup>	IUoUoP, intelligent 4-stage, temperature compensated			
Absorption voltage <sup>2)</sup>	14.4V		28.8V	
Float voltage <sup>2)</sup>	13.5V		27.0V	
Equalize voltage <sup>2)</sup>	15.5V		31.0V	
Supported Battery types <sup>2)</sup>	Flooded / GEL / AGM / Custom			
Recommended battery capacity <sup>3)</sup>	80-400Ah	120-600Ah	50-200Ah	70-300Ah
DC current draw (charger off)	£ 5mA		£ 4mA	
Operating temp. range <sup>4)</sup>	-20°C ... +50°C (humidity max. 95% non condensing)			
Storage temp. range	-40°C ... +80°C (humidity max. 95% non condensing)			
Cooling	Variable speed fan controlled by temperature and load			
TBSLink enabled	Yes			
Protected against	Low AC voltage, output short circuit, high temperature, battery overcharging and reverse polarity (fuse)			
Indications	Power on, output current bar, state of charge bar, error			
DC output connections	M8 bolts (main output), Screw terminals (auxiliary output)			
AC input connections	Screw terminals			
Enclosure body size	351 x 210 x 114mm			
Total weight	5.8 kg			
Protection class	IP21 (mounted in upright position)			
Standards	CE marked meeting EMC directive 2004/108/EC and LVD 2006/95/EC complying with EN60335-1, EN60335-2-29			

Note: the given specifications are subject to change without notice.

<sup>1)</sup> Maximum output current tolerance is +/-3%. Maximum setpoint voltage deviations are +/- 0.1V for 12V and +/- 0.2V for 24V models. All setpoint voltages are temperature compensated when battery temperature sensor is connected.

<sup>2)</sup> Value is programmable

<sup>3)</sup> Always consult battery manufacturers specifications for maximum allowable charge current

<sup>4)</sup> At higher ambient temperatures (>40°C), maximum output current may be reduced automatically

## Dimensions

