



**welding  
for a greener  
future**



green@wave<sup>®</sup>  
power sources  
guarantee



*reduced* electrical energy cost

*the opportunity* to run more welding machines from  
the same electrical power supply

*improved* reliability and longer working life

*networked* connectivity with other green@wave<sup>®</sup>  
power source

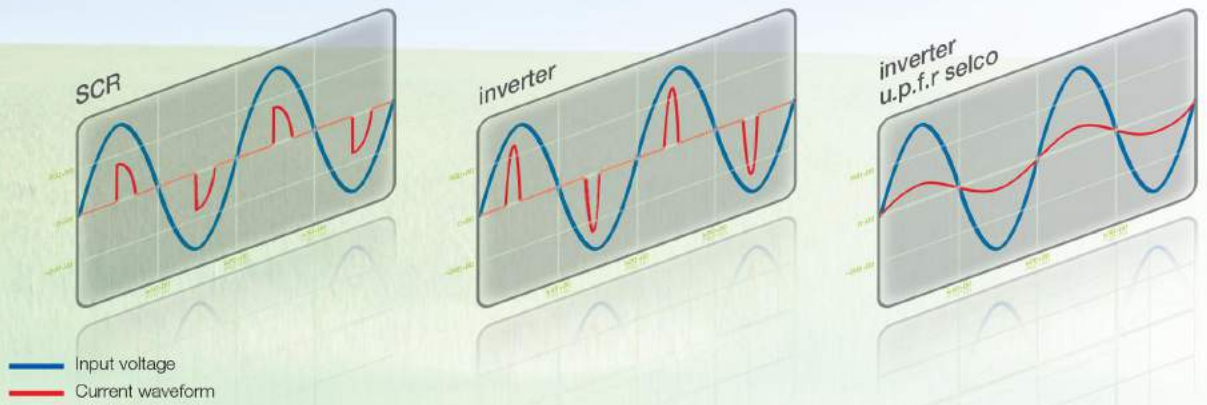
*conformity* to european standard EN 61000-3-12



# only draw the energy you need



Selco's green@wave® welding power sources are equipped with Selco's patented UPFR technology. Thanks to this innovative technology, input current follows supply voltage point by point, so that you only draw the energy you really need for the welding process. Conventional power sources without UPFR always draw more power than they actually need, with obvious losses along the line and with a consequent need for over-sized components.



	SCR power source	Inverter power source	green@wave® power source
Input current	19.10 A	15.05 A	10.269 A
Rated input power (kVA)	13.260 kVA	10.504 kVA	7.145 kVA
Power factor*	+0.5873 P.F	+0.6270 P.F	+0.9504 P.F

Welding data: 28 V / 200 A. Three-phase supply 3x400V.

\*Power factor (PF) is the ratio between a system's real power and its apparent power.



# keeping welding parameters and costs under control

Selco's green@wave® power sources can be networked using Selco's Weld@net® software. You can control a number of power sources simultaneously from your PC, as well as display and adjust all their welding parameters. Weld@net® also lets you calculate and verify the quality and productivity of automatic and manual welding systems using an advanced yet economical reporting system.







# saving energy and improving efficiency

As we should all know by now, energy saving is one of the main strategies for reconciling the needs of the environment with those of economic growth. In the field of welding, the need for energy saving is tackled by the new standard EN 61000-3-12, which will become legally binding in 2011. As always, Selco is determined to stay ahead of the competition, and has developed green@wave®, a new platform of welding power sources for technically advanced customers who share society's concern for the environment and want to cut their welding energy costs too.



## look for the green seal

Green@wave® is a range of Selco power sources designed to save energy in line with standard EN61000-3-12, and made to place efficiency and environmental friendliness at the heart of the welding process.

