

## ***Fuel Cell and Plant Balance***

Mod.: DG4000-4000-120.230

### **Technical data stack**

Type:	Stack 96V 4000W
Maximum total output power:	4000W electric thermal +4000 W
Number of cells:	160 cells (244cm <sup>2</sup> active area)
Voltage:	96.00V-124.00V DC unregulated. Specific power 450 W / kg.
Hydrogen consumption:	52in / min (0.24 kg / h) at maximum load
Humidification:	Not required
Duty Cycle:	Continuous
Cooling:	Forced air circulation
Assistant:	PC interface for monitoring
Size of each group (Stack):	4 x ( 213x 174 x 80 mm)
Size control unit stack of each group:	4 x ( 150 x 125 x 76 mm)
Weight group (Stack):	8.8 kg
Control Unit Weight	18 Kg
Stack operating temperature:	63 ° Maximum
Hydrogen pressure:	0.4 bar-0.5 bar, 4.5 quality standard
Air pressure:	Environment
Operating System:	Dead End Mode