

Poolsquad® Ampero

Pool
TECHNOLOGIE

Saltwater chlorinator + pH regulator
+ Amperometric controller

Benefits



European
patent

- Smart Reverse exclusive technology: self cleaning cell according to water hardness without any adjustment nor settings

European
patent

- Smart pH: predictive regulation based on history for a perfectly stable pH

- In line or dashboard display

- Low Salt / Normal Salt mode (depending on model)

- Cell collar diam 50 mm (depending on model)

- Integrated silent dosing pump

- Very high quality Black pH and Cl Salt probes, factory tested and calibrated

- Bluetooth remote control with e-Pool® app

- Pool Terre grounding electrode included

- Compatible with new European regulation (N°2019/1148): pH correcting agent adjustable concentration

- New clear accessories holder



Features

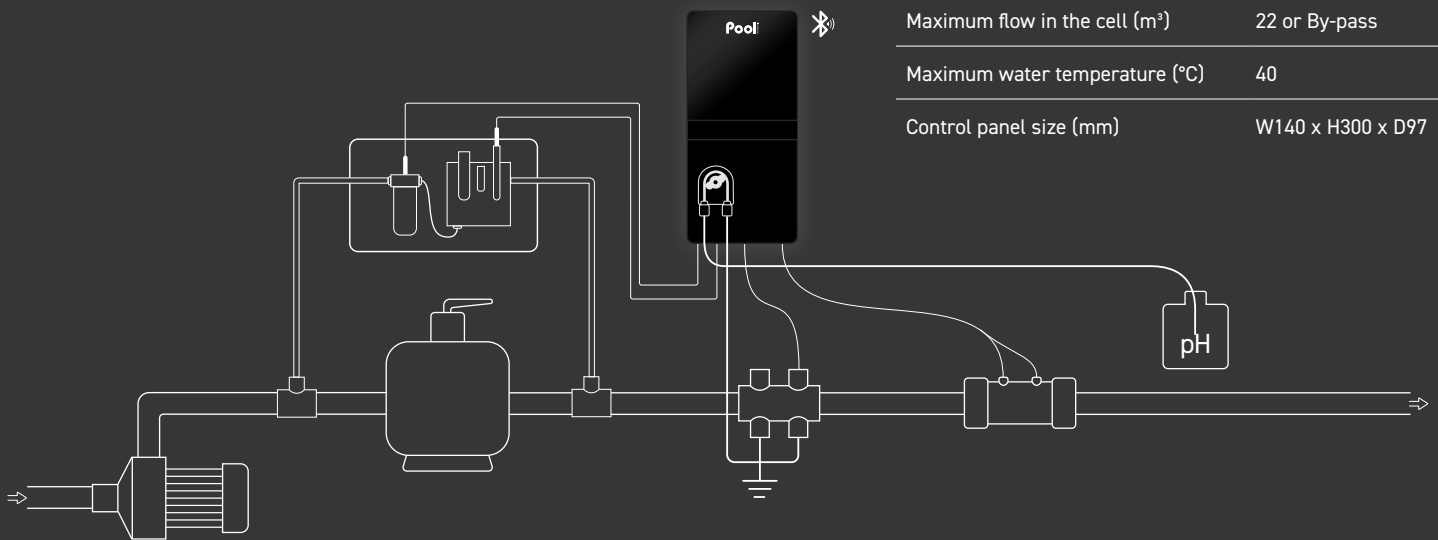
- **Smart Power:** current monitoring ensuring stable production
- **Smart Reverse polarity inversion:** self cleaning cell according to water hardness without any adjustment nor settings
- **Predictive and proportional pH regulation** in acid (pH-) or basic (pH+) mode
- **Chlorine regulation by efficient free chlorine probe specifically designed for saltwater**
- **Low mode to reduce chlorine production,** when cover closed or bubble cover installed
- **Superboost mode:** 125% superchlorination for up to 48 hours to overcome an increased need of disinfectant
- **Automatic winterization and restart from 15°C**
- **Multilingual communication interface**
- **Safeties:** high and low Ampero value, unreached set point, pH set point overrun and overfeeding
- **Display of pool salt level, water temperature, cell lifespan and average free chlorine rate in ppm**
- **Log of events**
- **Self-diagnosis programme for easy maintenance**

Model	Pool volume* m ³	Chlorine Production g/h	Reference
Poolsquad Ampero NPS 8	40	8	ELPA20NPSP-G4NM08
Poolsquad Ampero NPS 12	60	12	ELPA20NPSP-G4NM12
Poolsquad Ampero NPS 16	NS 80 / LS 60	NS 16 / LS 12	ELPA20NPSP-G4HX16
Poolsquad Ampero NPS 23	NS 120 / LS 80	NS 23 / LS 16	ELPA20NPSP-G4HX23
Poolsquad Ampero NPS 30	NS 160 / LS 120	NS 30 / LS 23	ELPA20NPSP-G4HX30

* In hot climates, reduce volume by 20% - NS : Normal Salt (5g/l) / LS : Low Salt (1,5g/l)

Technical specifications	
Display	LCD 2 lines
Free chlorine set point adjustment	from 0,1 to 5 ppm
Amperometric probe	chlore Salt
Pump flow pH (l/h)	1,8
Corrective solution	pH- or pH+
Type of regulation	predictive
pH set point adjustment	from 6,8 to 7,6
Calibration pH probe	2 points pH 7 & pH 10
pH probe	Black
Polarity inversion adjustment	automatic Smart Reverse
Cell installation	in line
Cell orientation	horizontal or vertical
Cell length (mm)	225
Maximum pressure in the cell (bar)	2
Maximum flow in the cell (m ³)	22 or By-pass
Maximum water temperature (°C)	40
Control panel size (mm)	W140 x H300 x D97

Installation diagram



Content

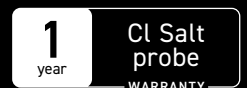
- Control box
- Chlorination cell
- Cell cable (2m)
- pH probe Black
- Calibration solution pH 7 & pH 10
- Cl Salt probe
- Probe holder, injection connector
- Ampero measure chamber with connection kit
- Accessories holder with plugs
- Low water/salt/temperature sensor
- Pool Terre grounding electrode
- Salt and water hardness analysis kit
- Power cable (2m)
- Collar diam 63mm x2 (50mm models <80m³)
- Reducer 63/50mm x4 (x2 models <80m³)
- Wall support (with screws)
- User manual

Options

- Independent flow switch
- Ampero mounting panel
- Empty can sensor
- e-Pool® Connect connected pool kit
see page 52-53

Info

Amperometric regulation requires a professional expertise. The sale of Ampero regulation device is exclusively reserved to pool specialists who have been specifically trained on this device. Please contact your sales representative to ask for a training.



*See a retailer