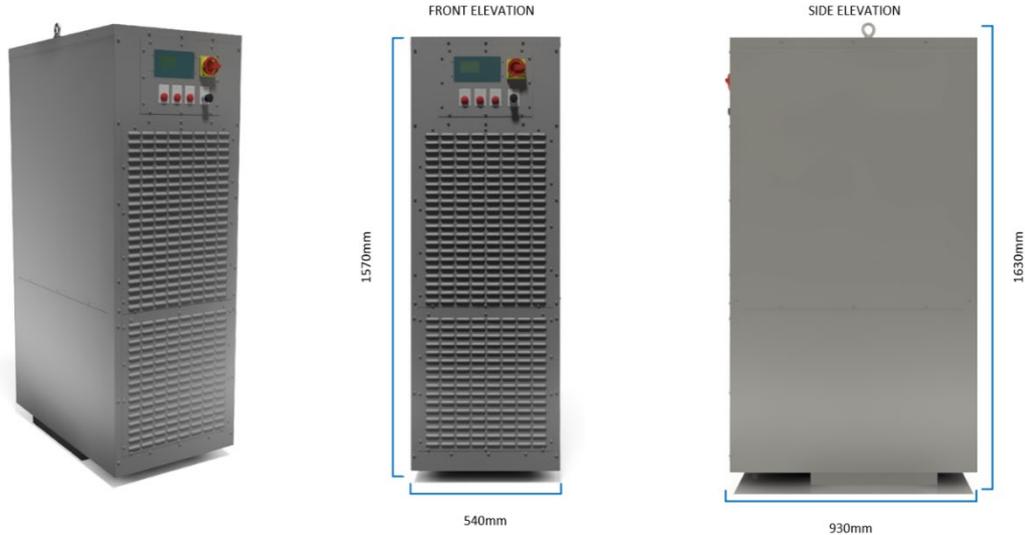


CHLOROPAC® Marine Growth Prevention System SMPSU

Specification – Process Data



Parameters	Details						
Service:	Switch Mode DC Power Supply Unit						
Hazardous Area Classification:	Safe Area						
Temperature (°C):	Ambient: 15 - 50				Failure: 55		
Supply Voltage:	380 - 480 VAC ± 10%, 50 - 60 Hz, 3 Phase						
Power factor & Efficiency:	≥ 0.93 @ rated load				Typical 0.9 @ rated output		
Humidity:	Max. 95% RH, non-condensing						
Control precision:	Voltage/current < ± 1%						
DC ripple:	<2% of rated output current at constant current mode in entire range of regulation						
Regulation range:	Stepless at constant voltage/current 0–100%						
Duty ratio:	Designed for continuous operation at rated load up to 1000m altitude						
Part Number:	W2T892033	W2T892034	W2T892035	W2T893130	W2T892036	W2T892037	W2T892038
No. Power Modules:	2	3	4	5	6	7	8
Max DC Voltage (V DC):	30	30	30	30	30	30	30
Max Current @ 45°C (A DC):	425	638	850	1063	1275	1488	1700
Max Current @ 50°C (A DC):	350	525	700	875	1050	1225	1400
Max Operating Power (KVA):	9.0	17.9	25.1	33.5	33.5	41.9	50.2
Mass (Kg):	157	187	217	247	277	307	337
Functions:	CONTROL DISPLAY: Current: Actual AMPS / Voltage: Actual Volts / On signal / Run signal / Actual Amp hours / Actual run time / Alarm (general alarm) / End of process Alarm status (cause of alarm) / Mode Selector (Auto/Manual/Preset Selector) PANEL: Door Isolator / Operation of Lamp Test						
Protection:	CONTROL DISPLAY: Over-current / Over-voltage / Overtemperature / Short circuit / Open circuit / Module failure PANEL: Over-AC Input Current / Electrolyser Low Flow / Electrolyser Leak Detection						
DC Power Cables:	240 mm ² (Max)			Entry: Bottom		Entry Type: Gland	
Enclosure Design:	IP 44			Forced Air Cooling		Access All Round	
Enclosure Material & Finish:	1.5mm Zintec/Electric Zinc Coated Sheet / Satin - Light Gray (RAL-7035)						
Protective Coating:	Three-stage Iron Phosphate pre-treatment Electrostatically Powder Coated						

Notes:

- Specifications above are confidential and proprietary to Evoqua Water Technologies. Trademarks are those of their respective owners

Chloropac is a trademark of Evoqua Water Technologies LLC, its subsidiaries or affiliates, in some countries.

All information presented herein is believed reliable and in accordance with accepted engineering practices. Evoqua makes no warranties as to the completeness of this information. Users are responsible for evaluating individual product suitability for specific applications. Evoqua assumes no liability whatsoever for any special, indirect or consequential damages arising from the sale, resale or misuse of its products.

© copyright 2020 Evoqua Water Technologies Ltd. All right reserved.