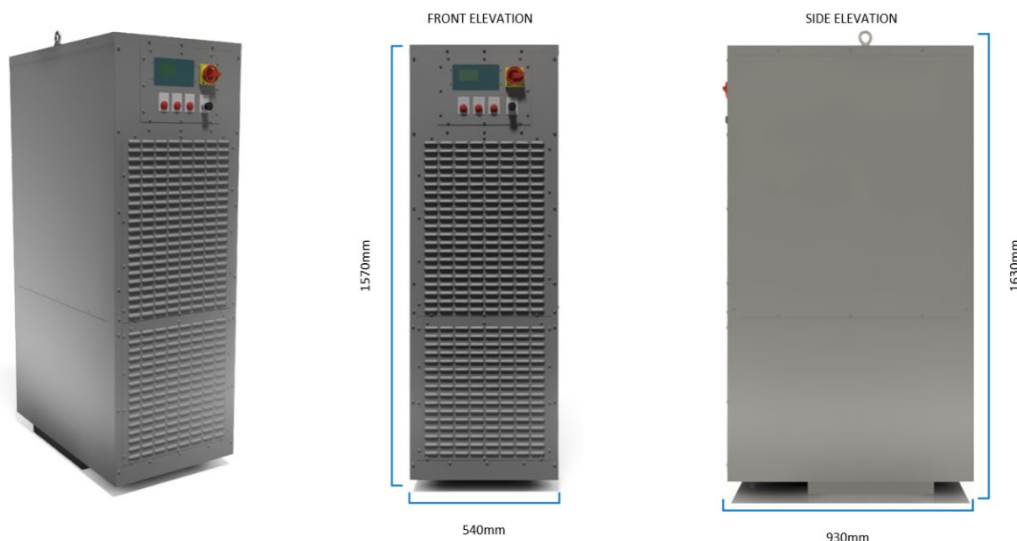


CHLOROPAC® Marine Growth Prevention System SMPSU

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

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