



Quote Q-47491

## Waterworld - 15 kW Series Hybrid – Inland Waterways with solar

Item on drawing	Line	ES Part Number	Description	Note
1	005	WW-3-15.0I	Waterworld '3' electric propulsion 15kw - complete system	Inc. motor, controller, display, throttle & contactor
2	001	NLM773LW3.3G/1P/HE	Northern Lights M773LW3.3G generator (7.0kw 50Hz 230v 1PH 9.0kw 60Hz 1Ph)	
	002	GA06-78600	Sound Enclosure for GEM series gensets - M773LW3.3G	
	003	GA33-88605	Anti vibration mounts	
3	004	QUO48/10000-140-230V	Victron Quattro 48/10000-140-230V	10 kVA inverter - 140 amp charger
4	006	WATERWORLD-DCPRIMARY-10K	DC Primary Panel for 10kW Waterworld.	
5	007	BAT-LEOCH-CARB-2V-1000-SC	Leoch Lead Carbon 2 volt battery - STANDARD CYCLIC life version - LRC2. 1000 ah @ C10	
6	008	ORION-IG-48/24-16A-380W	Orion DC-DC Converter - 48v input (40-70v) - 24.2v Nominal Output - 380w (16A)	This float charges the 'buffer' 24 volt battery from the 48 volt system
7	009	BAT-VIC-AGM-220	Victron 12V AGM deep cycle battery - 200 ah @ C10, 220 ah @ C20	Buffer battery to supply normal on-board 24 volt loads inc. thruster, winches, lighting & electronics
8	010	GX-CERBO	Victron Cerbo GX - BPP900450100	
9	011	GX-CERBO-TOUCH50	GX Touch 50 display - water proof 5 inch	
10	012	API-RATIO-2PE/16/240/SS	Ratio Stainless steel shorepower inlet. 2P+E. 240v 16 A	
11	013	SHORECORDRATIO-16A/15M	Shorecord Set - 3 core - 16A - 15m	
12	014	MPPT-VE-150/035-SM-TR	Victron BlueSolar SMART CHARGE Controller 12/24/48v - 150/35A	
13	015	PVC-PAN-MI-370WF33R370B1	MiPV SuperFLEX solar panel - REAR mounted PMAX (Power): 367.70W	

