

Table 3: Growth performance of *Clarias gariepinus* fry in recirculating system powered with solar photovoltaic and electricity

Power source	Wk	Length (cm)	Weight (g)	No. of fish	Total Biomass (g)	Quantity of feed given (g)	Total Weight gain (g)	Weight gain per day(g)	Survival (%)	FCR
Photo voltaic	2	1.400±0.07	0.06 ±50.0	500	30.00	10.500	–	–	10.0	–
	4	3.790±0.53	0.46±0.24	482	2210.72	110.086	0.40	0.020	96.4	1.00
	6	4.300±0.23	6.14±0.44	378	2320.92	1160.046	50.68	0.410	75.6	1.34
Generator	8	15.700±0.3073	20.7±10.61	378	7586.46	379.323	130.93	0.995	100.0	1.01
	2	1.400 ±0.7	0.06 ±0.02	500	30.00	1.500	–	–	100.0	
	4	3.290±0.68	1.03±2.0	480	494.40	24.720	0.97	0.069	96.0	1.38
	6	3.790±0.24	5.90 ±0.7	375	2212.50	110.625	4.87	0.347	75.0	1.17
	8	11.058±0.84	19.46±1.17	375	7297.50	364.875	13.56	0.968	100.0	1.00