

Off-Grid Controller Data

Model		Gyro 200	Gyro 300	Gyro 500	Gyro 1KW	Gyro 3KW	Gyro 10KW
Output (DC)	Rated Power (kw)	0.2	0.3	0.5	1	3	10
	Voltage Range (nominal vdc)	10.5-14.4(12)	21-28.8 (24)	21-28.8 (24)	42-57.6 (48)	42-57.6 (48)	95-130.5(110)
Recommended Battery	Quantity, 12vdc (pc)	(1)	(2)	(2)	(4)	(4)	(9)
	Capacity (ah)	40-60	40-60	60-80	80-100	200	200

Grid-Connected Controller Data

Output (DC)	Rated Power (kw)	N/A	N/A	N/A	1	3	10
	Voltage Range (vdc)	N/A	N/A	N/A	200-400; Includes Dump Load	200-400; No Dump Load Needed	280-580; No Dump Load Needed

C.E. Off-Grid Pure Sine Wave Inverter Data

Model		PSW .2	PSW .3	PSW .5	PSW1K	PSW3K	PSW10K
Input (DC)	Capacity (kva)	0.2	0.3	0.5	1	3	10
	Voltage	12	24	24	36	48	110
Pure Sine-Wave Output	Rated Output Voltage (vac)	230/110	230/110	230/110	230/110	230/110	380/190
	Phases	2	2	2	2	2	3
	Rated Frequency (hz)	50/60					
	Over Load	150%, 10 second					
	Voltage Precision (vac)	± 3%					
	Frequency Precision	± 4%					
	(THD)	≤ 3 %					
	Dynamic Answer (0~100%)	5%					
	Power Factor (pf)	0.8					
	Inverter Efficiency	92%					
	Peak Value Coefficient (cf)	3:1					
General Operating Parameters	Insulated Intension (vac) (Input & Output)	1500 / 1 minute					
	Noise (db @ 1m)	≤ 45					
	Operating Temperature (c)	-25 ~+55					
	Operating Altitude (m)	≤ 6000					
Recommended Battery	Quantity (pc)	(1)	(2)	(2)	(4)	(4)	(9)
	Capacity (ah)	40-60	40-60	60-80	80-100	200	200