



Uninterruptible Power Supply (UPS) from your grid connected Solar Electric system

All National Grid connected Solar Electric systems have to power down under national regulations (G83 & G59) thus leaving you with no power. If this is during sunny periods then it can be frustrating knowing that you have no independent power whilst your solar system sits there redundant. We have the solution;

Studer Solsafe

- To provide and fit Studer XPC2200-48 inverter charger, ARM-01+ contactors, Gel 110AH batteries and small fuse board.
- The proposed critical Circuits that will be taken out of existing fuse board (where possible) and relocated into a new dedicated UPS board, are lighting (some or all), fridge, phone/computers and heating system controls
- These systems can be sized for almost any critical load but you will have to way up how often the grid power is off and for how long, how critical the loads are and the overall cost.
- The gel batteries have a limited life of between 3 to 5 years but require no maintenance, for customers who can look after lead/acid batteries we can provide lead/acid batteries. The life span of lead/acid batteries will be between 8 and 10 years but is dependent upon how well they are maintained.
- This guideline price assumes that the new UPS board and the other equipment can be located next to the existing fuse board.

From £2,000.00

Battery A/H	Inverter KW/h							UPS stand by time
	1	1.5	2	2.5	3	3.5	4	
50	11.50	7.67	5.75	4.60	3.83	3.29	2.88	
100	23.00	15.33	11.50	9.20	7.67	6.57	5.75	
150	34.50	23.00	17.25	13.80	11.50	9.86	8.63	
200	46.00	30.67	23.00	18.40	15.33	13.14	11.50	
250	57.50	38.33	28.75	23.00	19.17	16.43	14.38	

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