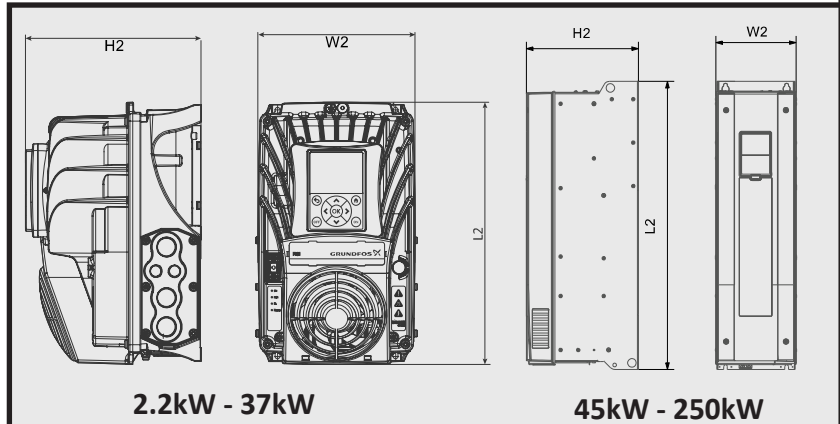


APPLICATION

The GRUNDFOS RSI is an off grid solar pump inverter designed to convert DC power output from solar panel to AC power to run submersible and surface pumps. **It can be converted to a Hybrid system** by inclusion of a **Grundfos PowerAdapt** which has provision for both DC and AC Input. When both DC and AC supply are connected the **PowerAdapt** will prioritize on DC power and tops up any shortfall using the AC supply.

CONSTRUCTION FEATURES

- Maximum Power Point Tracking (MPPT)
- Overvoltage and undervoltage protection
- Overload protection
- Overcurrent protection
- Overtemperature protection
- No-load protection
- Operating history
- Enclosure classes up to IP66
- Setup wizard with Grundfos product library
- Detachable operating panel



TECHNICAL DATA

Inverter Power (kW)	Min. MPPT Voltage (Vdc)	Max. Input Voltage (Vdc)	Reccmd MPPT Voltage range (Vdc)	Rated Output Power (kW) P2	Rated Output Current (A)	Output frequency (Hz)	Output Voltage (Vac)	Weight (kg)	Pack Size (mm)		
									L2	W2	H2
2.2	450	800	530 - 615	2.2	5.6	50	3 Phase 380-440V	8.8	315	191	214
3				8							
4				9.6							
5.5				12	14.9			368	233	231	
7.5				16							
11				23							
15				31	31.5			500	350	254	
18.5				38							
22				46							
30				61	37.5			660	237	259	
37				72							
45				87							
55				105	66			996	290	343	
110				205							
132				261							
160				310	119.5			1150	480	365	
200	385										
250	460										
								617	2155	606	639
								925			