

STELR Renewable Energy International Equipment Pack 2019

STELR Renewable Energy International **Class Set** consists of **10** student kits and **two** teacher kits of equipment that are specifically designed to allow students to complete STELR Renewable Energy activities.

The contents of **one** STELR RE International Student kit and **one** STELR RE International Teacher kit are listed here. Images of the equipment items are shown over the page.

We recommend that you buy 40 inch **high velocity fans** as a wind source. You will also need to purchase a **12V, 50W power source** to power the lamps that act as an alternative light source for the solar panels.

One STELR RE International Teacher Kit	
Hand crank generator base	1
Wind turbine generator	1
'Cotton reel' racer	8
Cotton Reel Rubber Bands set/6	2
Cotton Reel Rods, Wood set/6	2
Pelton wheel assembly	1
Clear vinyl hose	1
Spare generator belt	3
Vial of spare lamps and fuses	1
Jumping cup	10

One STELR RE International Student Kit	
Solar cell panel	1
Test rig module	1
Multimeter	2
Lamp (12V, 25W)	2
Wind turbine generator	1
Clamping hub	2
150mm wind blade	1 set (15)
100mm wind blade	1 set (15)
75mm wind blade	1 set (15)
Cable set (11 cables)	1
Switch, Toggle	1
Battery power source	2

The STELR Project is an initiative of the **Australian Academy of Technology and Engineering.**

www.stelr.org.au

STELR Renewable Energy Order Form (International)

Send completed order form to STELR.Admin@applied.org.au

For inquiries and further information contact: **Pennie Stoyles +61 3 9864 0905**

School/Organisation details	
School Name	
School Address	
Country	
School Phone	
Contact person	
Contact phone	
Purchase Order no.	

Product	Price/unit \$AUD	Count	Sub-Total (ex GST)
STELR RE Int student kit	\$398		
STELR RE Int teacher kit	\$142		
STELR RE Int class set (10 student and 2 teacher kits)	\$4,100		
STELR RE USB	\$10		
Delivery*			
Total			

* You will be invoiced when the delivery cost is known.

STELR

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AUSTRALIA

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Test rig module



Solar cell panel



Lamp



Multimeter



Wind turbine generator



Clamping hub



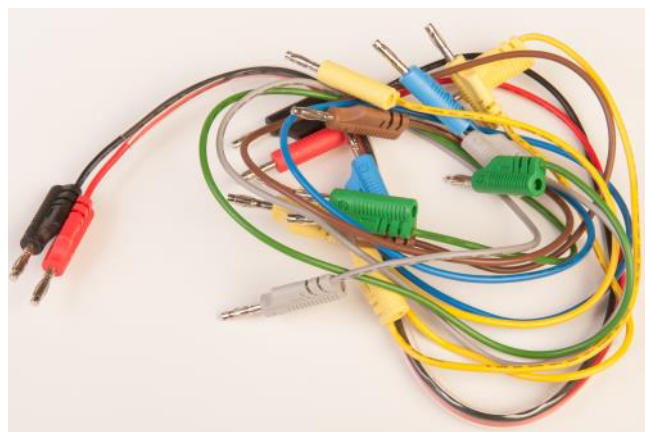
Turbine blades



3V battery pack



Switch



Cable set



Hand-crank generator base



Pelton wheel



Cotton reel racer



Jumping cup