

# STELR Renewable Energy International Equipment Pack 2018

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 **three STELR high velocity fans are purchased** for each class set.

The STELR Project is an initiative of the Australian Academy of Technology and Engineering (ATSE).

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
I.R. Thermometer	1
Anaemometer	1
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
12V power supply	1
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)
Switch, Toggle	1
Battery power source	2

## Order Form

Send completed order form to [STELR.Admin@atse.org.au](mailto:STELR.Admin@atse.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	\$325		
STELR RE Int teacher kit	\$225		
STELR RE Int class set (10 student and 2 teacher kits)	\$3340		
STELR Fan (high velocity)	\$70		
STELR RE student book	\$3		
STELR RE teacher book	\$25		
STELR RE USB	\$10		
STELR Global Warming DVD	\$10		
Delivery*			
Total			

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

### ATSE STELR Project

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Phone: +613 9864 0900

[www.stelr.org.au](http://www.stelr.org.au)



# STELR Renewable Energy Equipment Items



Test rig module



Solar cell panel



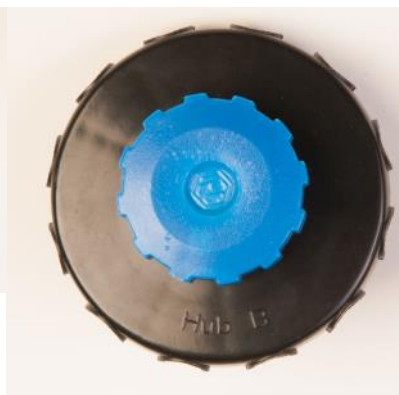
Lamp



Infrared thermometer



Wind turbine generator



Clamping hub



Turbine blades



Anemometer



Multimeter



3V battery pack



Fan



Switch



Hand-crank generator base



Pelton wheel



Cotton reel racer



Jumping cup