



X30 Energy Flows Dashboard Solar / Battery / Residence

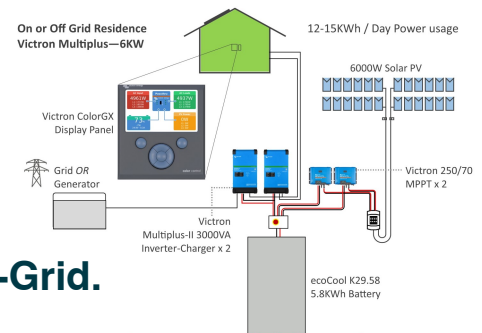
We don't like to see you waste resources, but to *really* reduce energy use, you need to be able to monitor what you purchase, what you make, and what you use and store. ecoCool's X30 energy flows dashboard is perfect for monitoring your solar intake and battery storage, as well as grid power use, and grid feed-in.

You just have to have a Multiplus battery inverter charger, with any model solar inverter*. Your home energy system will also be internet connected for remote monitoring, through the integrated Victron Color GX display.

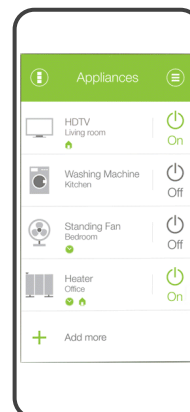
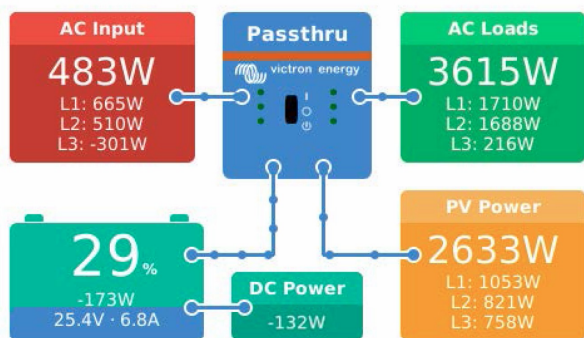
For On-Grid...



...or Off-Grid.



The Color GX display



App on your phone

Efergy's ...

To really supercharge your energy sustainability, the X30 comes with Efergy's energy monitoring and control kit, to turn on the washing at solar peak times, and:

- Monitor power costs
- Turn appliances on via an internet based phone app
- Monitor and reduce power use.



Color Control GX			
Power supply voltage range	9 – 70V DC		
Current draw	12V DC	24V DC	48V DC
Switched off	0mA	0mA	0mA
Display off	140mA	80mA	40mA
Display at minimum intensity	160mA	90mA	45mA
Display at maximum intensity	245mA	125mA	65mA
Potential free contact	3A / 30V DC / 250V AC (Normally open)		
Communication ports			
VE.Direct	2 separate VE.Direct ports – isolated		
VE.Can	2 paralleled RJ45 sockets – isolated		
VE.Bus	2 paralleled RJ45 sockets – isolated		
USB	2 USB Host ports – not isolated		
Ethernet	10/100/1000MB RJ45 socket – isolated except shield		
3rd party interfacing			
Modbus-TCP	Use Modbus-TCP to monitor and control all products connected to the Color Control GX		
JSON	Use the VRM JSON API to retrieve data from the VRM Portal		
Other			
Outer dimensions (h x w x d)	130 x 120 x 28mm		
Operating temperature range	-20 to +50°C		
Standards			
Safety	EN 60950		
EMC	EN 61000-6-3, EN 55014-1, EN 61000-6-2, EN 61000-6-1, EN 55014-2		
Automotive	E4-10R-053535		

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*Information accurate at time of publication, subject to change.
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