

The Social Energy
Hub Unit



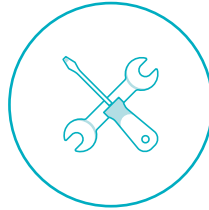
Specification sheet
June 2021



Social Energy Hub Unit Features



Cloud connected



Quick install



Grid services



Designed in Australia



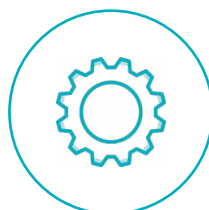
Data profiling



Asset optimisation



Recurring revenue



Smart AI optimisation



Client interface & dashboard

Social Energy Hub Unit Specification

Nominal Input Voltage [V AC]	230 (50 Hz)
Operating Input Voltage [V AC]	176-264
Operating Frequency [Hz]	40-65
Cable Entry Facility [mm]	3 x 32
Connectivity Provided	AC to Mains, AC to Battery, AC to PV (optional)
Included MCBs (Circuit Breakers)	AC Connection - 63A Battery Connection - 32A PV Connection -32A
Ports/Interfaces	1x USB 2.0 Type A Host port 2 x 10/100 Ethernet RJ45 port 1x RS485 RJ45 port
Meter Type	In-line (Direct) Metering
Communications Protocols	RS485 (Modbus RTU), TCP/IP
Dimensions (W x D x H) [mm]	434 x 129 x 260
Weight [kg]	7.5
Ingress Protection	IP65
Packed Dimensions (W x D x H) [mm]	490 x 340 x 165

Measurement Accuracy

Frequency [Hz]	0.01
Active Power	<1% of FS
Frequency Meter Response Time [ms]	50ms
Active Energy	Class 1 IEC62053-21, AS62053, Class B EN50470-3

Environment

Operating Temp [°C]	0 to + 60
Operating Humidity	20% to 95% RH, Non-Condensing
Storage Temp [°C]	-10 to +70