

55W SOLAR LIGHTING KIT - Powers 8 lights and DC/AC colour TV and a Radio

S1.55 Kit		S3.55 Kit		S4.55 Kit	
Qty	Description	Qty	Description	Qty	Description
1	55W Shell Solar Panel	1	55W Shell Solar Panel	1	55W Shell Solar Panel
1	10Amps Sundaya Apple Charge Controller	1	S3.800 Storage System c/w Hub 1 Cable	1	S4 Sundaya Smart Storage System incl. 55Ah Sealed Battery
8	6W Fluorescent A-Lights	8	6W Fluorescent A-Lights	8	6W Fluorescent A-Lights
1	67AH Solar Battery	1	67AH Solar Battery	5	DCS 50Am Cable (10m roll)
6	DCS 50Am Cable (10m roll)	5	DCS 50Am Cable (10m roll)	2	DCS 15Am Cable (10m roll)
2	DCS 15Am Cable (10m roll)	2	DCS 15Am Cable (10m roll)	1	PV Module Cable (5m)
1	PV Module Cable (5m)	1	PV Module Cable (5m)	8	Switch Brocco
8	Switch Brocco	8	Switch Brocco	3	Terminal Connectors
4	Terminal Connectors	3	Terminal Connectors	8	Switch Connectors
8	Switch Connectors	8	Switch Connectors	16	Packet of 20No. 1/2" cable nails
16	Packet of 20No. 1/2" cable nails	16	Packet of 20No. 1/2" cable nails		

75W SOLAR LIGHTING KIT - Powers 10 lights and DC/AC colour TV and a Radio

S1.75 Kit		S3.75 Kit	
Qty	Description	Qty	Description
1	75W Shell Solar Panel	1	75W Shell Solar Panel
1	10Amps Sundaya Apple Charge Controller	1	S3.1200 Storage System c/w Hub 1 Cable
10	6W Fluorescent A-Lights	10	6W Fluorescent A-Lights
1	100AH Solar Battery	1	100AH Solar Battery
8	DCS 50Am Cable (10m roll)	7	DCS 50Am Cable (10m roll)
2	DCS 15Am Cable (10m roll)	2	DCS 15Am Cable (10m roll)
1	PV Module Cable (5m)	1	PV Module Cable (5m)
10	Switch Brocco	10	Switch Brocco
5	Terminal Connectors	4	Terminal Connectors
10	Switch Connectors	10	Switch Connectors
20	Packet of 20No. 1/2" cable nails	20	Packet of 20No. 1/2" cable nails

100W SOLAR LIGHTING KIT - Powers 12 lights and DC/AC colour TV and a Radio

S1.100 Kit		S3.100 Kit	
Qty	Description	Qty	Description
1	100W Shell Solar Panel	1	100W Shell Solar Panel
1	15Amps Sundaya Apple Charge Controller	1	S3.1200 Storage System c/w Hub 1 Cable
12	6W Fluorescent A-Lights	12	6W Fluorescent A-Lights
1	100AH Solar Battery	1	100AH Solar Battery
10	DCS 50Am Cable (10m roll)	9	DCS 50Am Cable (10m roll)
2	DCS 15Am Cable (10m roll)	2	DCS 15Am Cable (10m roll)
1	PV Module Cable (5m)	1	PV Module Cable (5m)
12	Switch Brocco	12	Switch Brocco
6	Terminal Connectors	5	Terminal Connectors
12	Switch Connectors	12	Switch Connectors
24	Packet of 20No. 1/2" cable nails	24	Packet of 20No. 1/2" cable nails

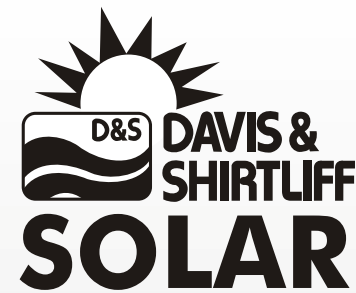
NB. Contents herein are not warranted. The right is reserved to amend specifications without notice.

AVAILABLE FROM

BS5A-02/05

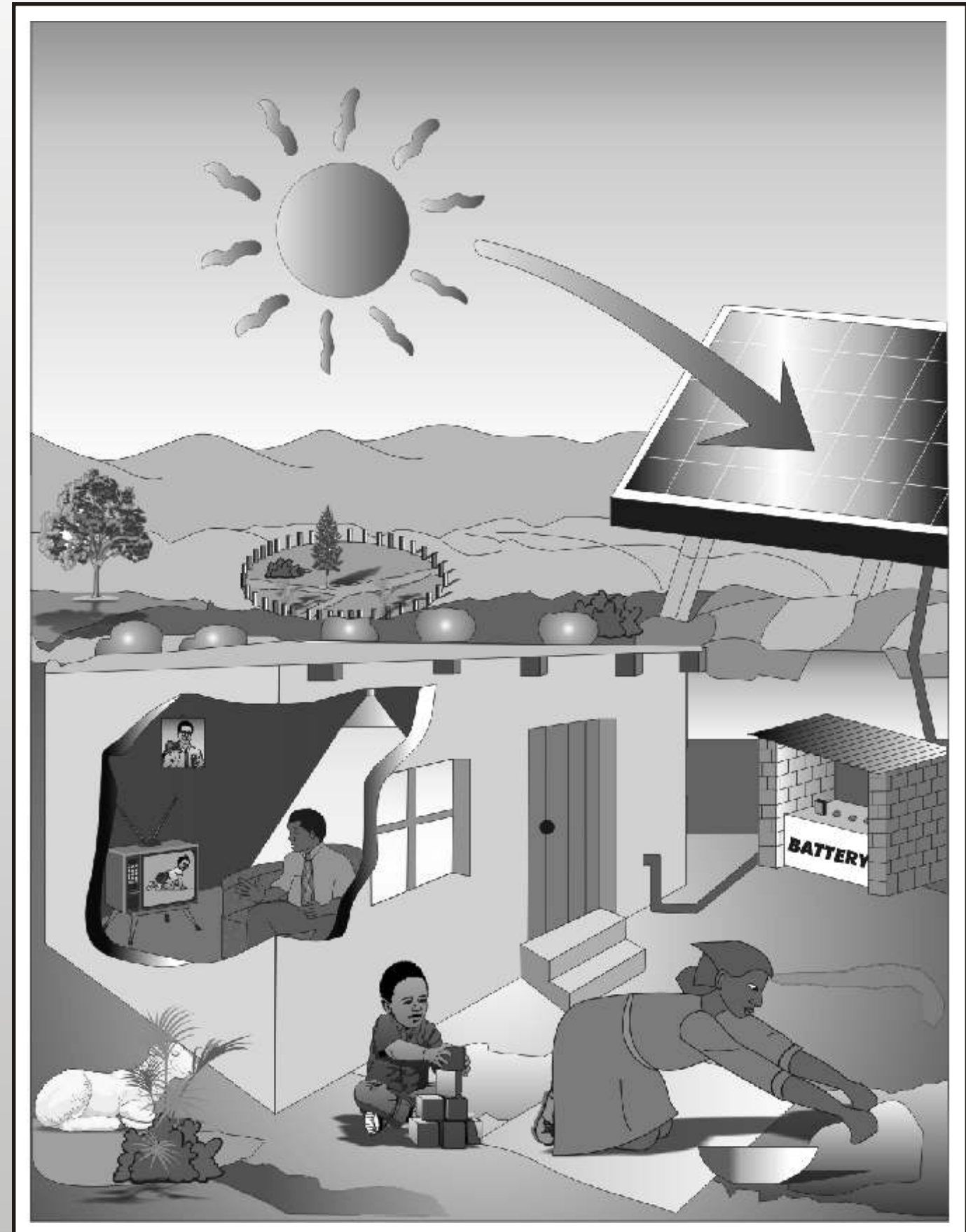
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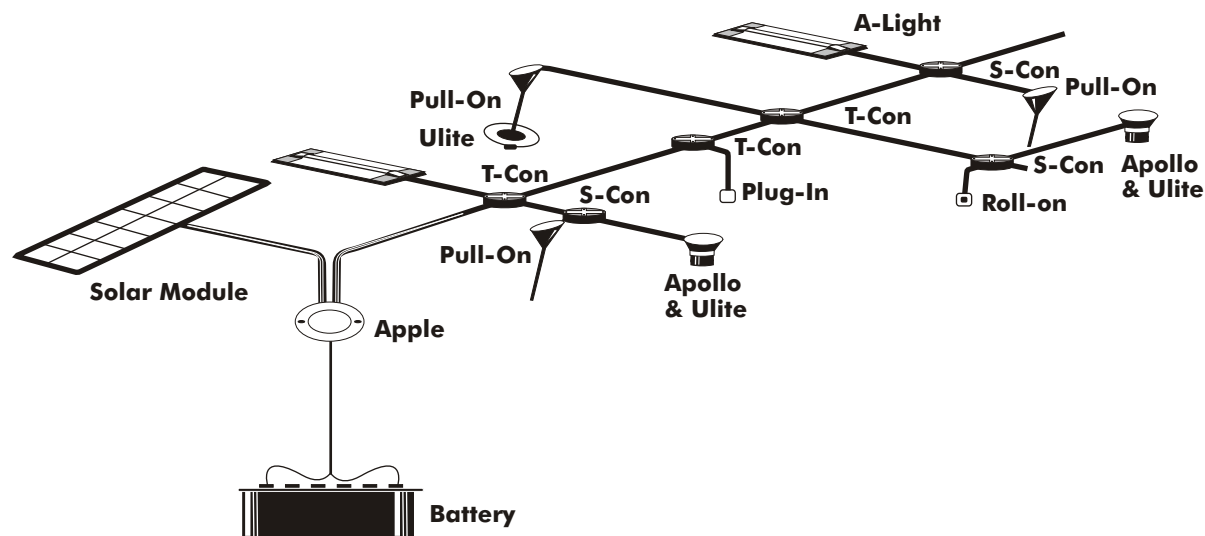


DOMESTIC

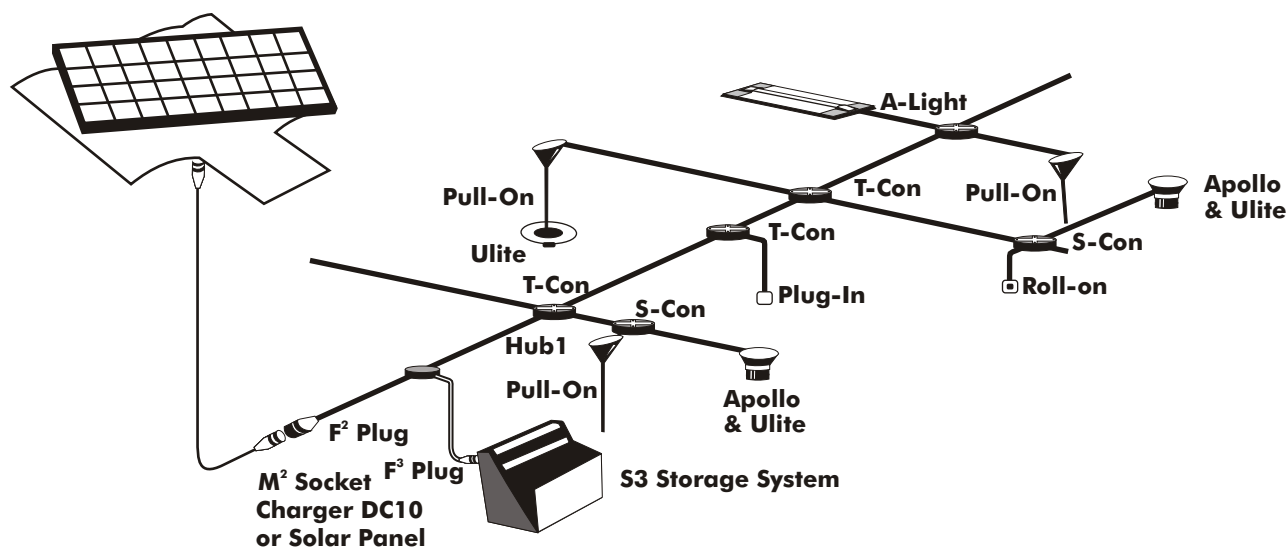
SOLAR KITS



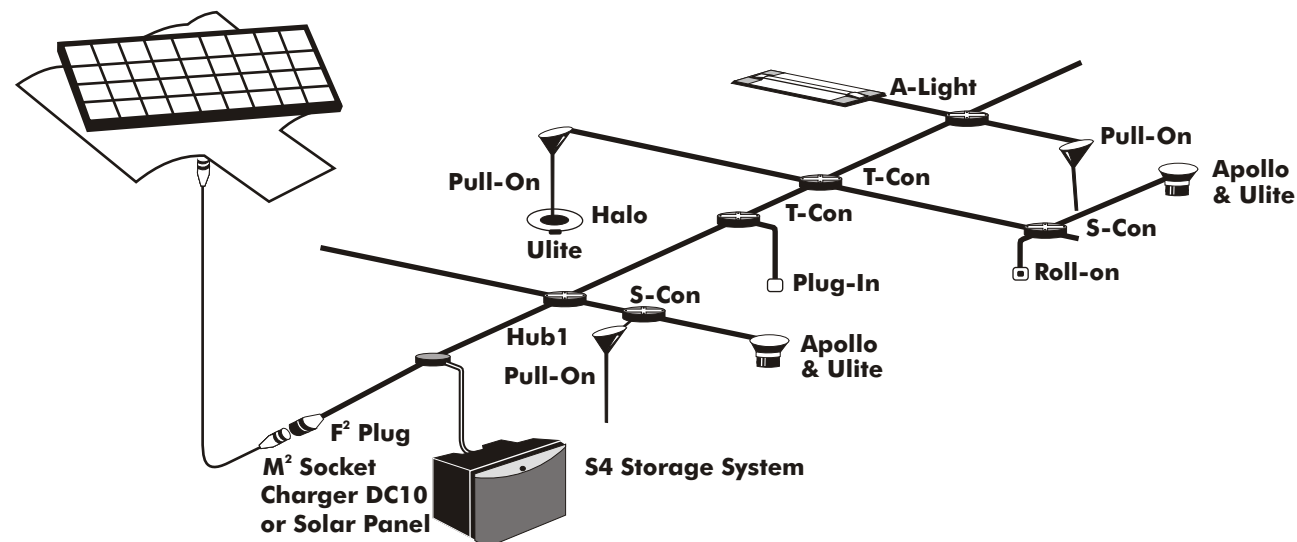
S1 KITS (with Apple Charge Controller System)



S3 KITS (with S3 Storage System)



S4 KITS (with S4 Smart Storage System)



DAVIS & SHIRTLIFF DOMESTIC SOLAR KITS are the ideal solution for all small scale off-grid electric power supply requirements. The kits are selected using only the highest quality components all specially matched for compatibility and incorporate everything necessary for a complete installation. Various options are available including a range of output sizes and a selection of storage system controllers.

All kits include a Shell Solar photovoltaic module, solar battery, Sundaya 6W fluorescent A-Lights, switches, connector blocks and necessary cabling to connect the module, charge controller and accessories. Storage system options are as follows:-

S1 Kits incorporate the unique Sundaya 'Apple' charge-discharge controller, a high performance unit specially designed for lower cost applications. It is extremely power efficient due to the low voltage drop over both input and output connections and incorporates an electronic master-switch, a clear state of charge indicator and a warning buzzer to indicate pending low voltage disconnect.

S3 Kits include the Sundaya Storage System, a unique solution for installing a Solar Home System in a neat and simple way. The unit integrates the battery, charge-discharge controller, battery condition indicator, master-switch, panel and DC outlets in one attractive enclosure that can either be floor or wall mounted. Installation is easy: all switches and connectors are pre-wired and the special Hub 1 wiring harness provides connections to all components. Charge/discharge functions are similar to the Apple controller including a clear state of charge indicator incorporated into the control panel.

S4 Kits include a Sundaya Smart Storage System - a completely sealed and maintenance free 12VDC battery storage system that can be charged directly from a solar panel or from another power source like Sundaya's DC10 Grid Charger. The unit is equipped with a unique electronic battery management system with a clear LCD battery state-of-charge display and buzzer to warn of low charge. It also is programmed to disallow over usage thus maximizing battery efficiency and life. It is available in one 660 Watt-hour size with a maximum 10A capacity and like the S3 system, a Hub 1 wiring harness is included to simplify installation.

Please note:

- Should there be a requirement for powering AC appliances a DC/AC power inverter has to be included (not available on S4 kits).
- Standard kits include fluorescent A-Lights but Ulite compact fluorescent bulbs with Apollo base units are available as a no cost alternative.

25W SOLAR LIGHTING KIT - Powers 4 lights and B/W TV and a Radio

S1.25 Kit		S3.25 Kit		S4.25 Kit	
Qty	Description	Qty	Description	Qty	Description
1	25W Shell Solar Panel	1	25W Shell Solar Panel	1	25W Shell Solar Panel
1	5Amps Sundaya Apple Charge Controller	1	S3.400 Storage System c/w Hub 1 Cable	1	S4 Sundaya Smart Storage System incl. 55Ah Sealed Battery
4	6W Fluorescent A-Lights	4	6W Fluorescent A-Lights	4	6W Fluorescent A-Lights
1	50AH Solar Battery	1	50AH Solar Battery	1	DCS 30Am Cable (10m roll)
2	DCS 30Am Cable (10m roll)	1	DCS 30Am Cable (10m roll)	1	DCS 15Am Cable (10m roll)
2	DCS 15Am Cable (10m roll)	2	DCS 15Am Cable (10m roll)	2	DCS 15Am Cable (10m roll)
1	PV Module Cable (5m)	1	PV Module Cable (5m)	1	PV Module Cable (5m)
4	Switch Brocco	4	Switch Brocco	4	Switch Brocco
2	Terminal Connectors	1	Terminal Connectors	1	Terminal Connectors
4	Switch Connectors	4	Switch Connectors	4	Switch Connectors
8	Packet of 20No. 1/2" cable nails	8	Packet of 20No. 1/2" cable nails	8	Packet of 20No. 1/2" cable nails

36W SOLAR LIGHTING KIT - Powers 6 lights and B/W TV and a Radio

S1.36 Kit		S3.36 Kit		S4.36 Kit	
Qty	Description	Qty	Description	Qty	Description
1	36W Shell Solar Panel	1	36W Shell Solar Panel	1	36W Shell Solar Panel
1	5Amps Sundaya Apple Charge Controller	1	S3.800 Storage System c/w Hub 1 Cable	1	S4 Sundaya Smart Storage System incl 55Ah Sealed Battery
6	6W Fluorescent A-Lights	6	6W Fluorescent A-Lights	6	6W Fluorescent A-Lights
1	67AH Solar Battery	1	67AH Solar Battery	3	DCS 30Am Cable (10m roll)
4	DCS 30Am Cable (10m roll)	3	DCS 30Am Cable (10m roll)	2	DCS 15Am Cable (10m roll)
2	DCS 15Am Cable (10m roll)	2	DCS 15Am Cable (10m roll)	1	PV Module Cable (5m)
1	PV Module Cable (5m)	1	PV Module Cable (5m)	6	Switch Brocco
6	Switch Brocco	6	Switch Brocco	2	Terminal Connectors
3	Terminal Connectors	2	Terminal Connectors	6	Switch Connectors
6	Switch Connectors	6	Switch Connectors	12	Packet of 20No. 1/2" cable nails
12	Packet of 20No. 1/2" cable nails	12	Packet of 20No. 1/2" cable nails		