

SOLARTECH UNIVERSAL BATTERY CHARGER (for 0-30V Ni-Cd Batteries)

Solartech Universal Battery Charger is used for charging of batteries at remote locations with Solar energy during day time on a many day the location where conventional power supply is not easily available.

It is based on Mosfet based technology with AC 230 V, Solar PV charging as well as DC 24V-36V input supply suitable for charging different NI-Cd Batteries of 9V, 12V, 18V, 24V, etc. of various Radio Sets like HB, VC, AN PRC, STAR V, COMET/ACME, VPC, TADIRAN 5W/20W, etc.



Solartech Universal Battery Charger

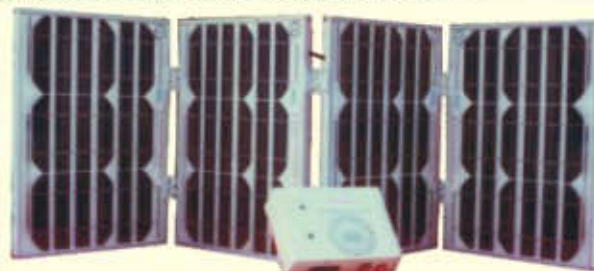
SUBTCH 1240/3609/40-SV-H
With Solar, AC & DC Charger

SUBTCH 1240/3609/40-SV-H
With AC Charger only

SOLARTECH PORTABLE BATTERY CHARGER / MOBILE CHARGER (SPV module with stand, wiring & charge controller)

Solartech Portable Battery Chargers are very useful to charge batteries where other power source is not available. SOLARTECH Battery Chargers are light weight, portable, folding type SPV module and are useful for manpack radios, communication sets, vehicle batteries, portable field equipment and lighting with an option of 6/12/24 volt DC supply or voltage as per customer's specific requirement. Bigger battery chargers are suitable for Defence Detachments, Posts, battery charging at fixed locations with charging protections.

MODEL	FEATURES
BTCH-M	For charging of Mobiles
BTCH 604/5	For charging of Motrola Battery
BTCH 1207/10	For charging 12V 7AH to 12V 14AH Battery
BTCH 1220/20	For charging 12V 20AH to 24V 20AH Battery
BTCH 1240/35	For charging 12V 40AH to 24V 40AH Battery
BTCH 1275/70	For charging 12V 75AH to 12V 150AH or 24V 75AH Battery
BTCH 12120/105	For charging 12V 120AH to 12V 240AH Battery
BTCH 12180/140	For charging 12V 180AH to 24V 180 AH Battery



Solartech Portable Battery Charger

Optional Accessories for above

BTCH- C-C
Charging lead with crocodile clips

BTCH- M-C
Charging lead with connecting pin for Motorola set

BTCH- HI-C
Charging lead with 3 pin connector for HHTI Israel

BTCH- HF-C
Charging lead with base connector for HHTI France



Motorola Connector



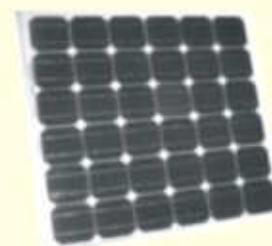
HHTS ISRAEL Connector

SOLARTECH HOME / INDOOR LIGHTING SYSTEM

Are used to provide electricity where conventional supply is irregular, unfeasible and not easily obtainable. Solartech Home Lighting Systems Luminaires come in various models to suit your requirements with light boosters. These systems are highly reliable and easy to install. Also there are optional facilities like charging from mains and timer to control duration of lighting.

All these models come with SPV module solid state charge controller, mounting structure, battery box, interconnecting cables, switches, operation manual.

MODEL	SPV MODULE	Battery	LUMINAIRES	CHARGE CONTROLLER	ADDITIONAL FEATURES
DOMLITE1220/20	12V 20W	20 AH	1 x 9W CFL Luminaires	Solar Charger	
DOMLITE1220/20-H	12V 20W	20 AH	2 x 9W CFL Luminaires	Hybrid Solar & AC Charger	
DOMLITE1240/37	12V 37W	40 AH	2 x 9W CFL Luminaires	Solar Charger	
DOMLITE1240/37-H	12V 37W	40 AH	4 x 9W CFL Luminaires	Hybrid Solar & AC Charger	
DOMLITE1240/37-F	12V 37W	40 AH	1 x 9W CFL Luminaires	Solar Charger	One Fan
DOMLITE1275/74-F	12V 74W	75 AH	2 x 9W CFL Luminaires	Solar Charger	One Fan
DOMLITE1275/74-S	12V 74W	75 AH	4 x 9W CFL Luminaires	Solar Charger	
DOMLITE1275/74-H	12V 74W	75 AH	8 x 9W CFL Luminaires	Hybrid Solar & AC Charger	
DOMLITE12300/225S	12V 225W	300 AH	14 x 9W CFL Luminaires	Solar Charger	



SPV Module



Solar Battery



Solar Charge Controller



DC Luminaire

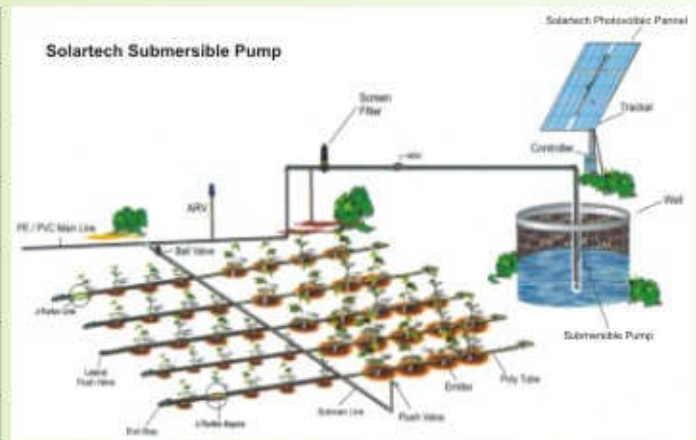


DC Fan

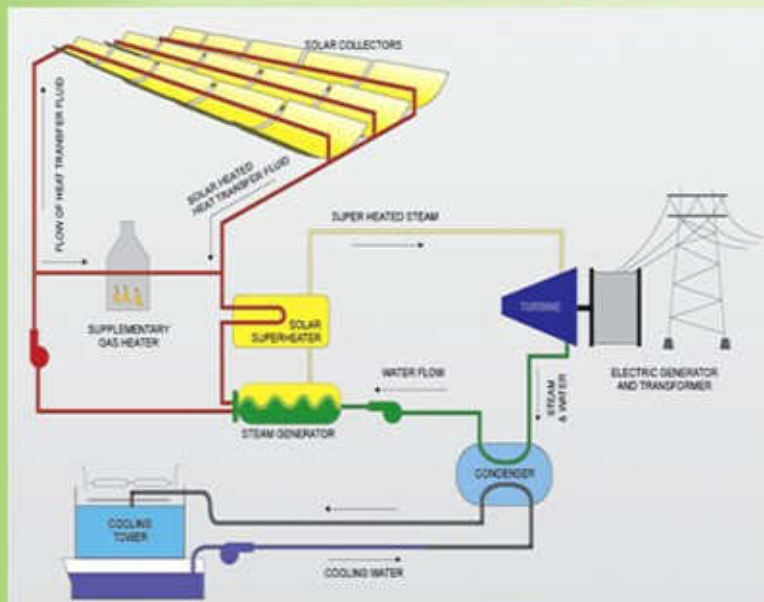
SOLARTECH PUMP

Solartech carries a wide range of ultra reliable solar powered AC/DC pumps for your off grid needs and at the best prices in India, whether its a surface mounted pump of 300 Wp., 900 Wp., 1200 Wp. or Submersible of 1200 Wp., 1800 Wp., 2200 Wp. and 3000 Wp. etc. and other specific as per requirement. Some models of Solartech Pumps with their configuration for example are given below:

MODEL	Solar Surface Pump			Solar Sumersible Pump			
Solar Pump Model	SP 300	SP 900	SP 1200	SP 1200 Su	SP 1800 Su	SP 2200 Su	SP 3000 Su
Pump Specification	0.33 HP	1 HP	1 HP	1.5 HP	2 HP	2.5 HP	3 HP
Maximum Suction Lift (meters)	3 mtr	7 mtr	7 mtr	6 mtr	6 mtr	6 mtr	6 mtr
Total Head (meters) at rated voltage	10 mtr	14 mtr	14 mtr	10 mtr	10 mtr	10 mtr	10 mtr
Discharge (litres/hour) @ 10 meters head approx.	4200 at 3 mt. Head	12000	14000	16000	24000	28000	36000
Array Capacity SPV	300 Wp	900 Wp	1200 Wp	1200 Wp	1800 Wp	2200 Wp	3000 Wp

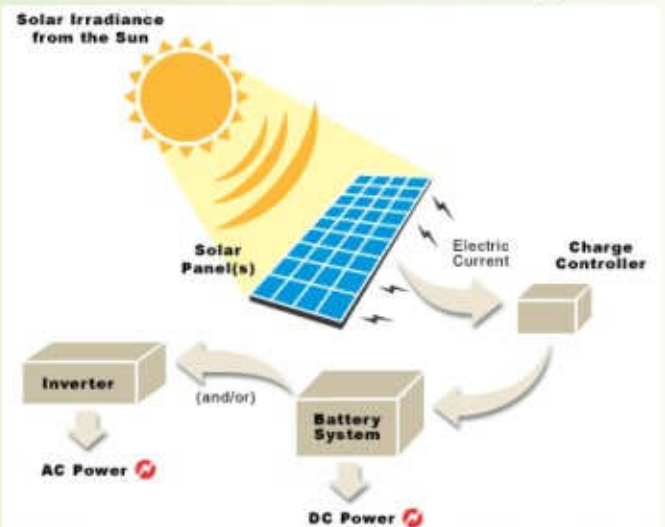


SOLARTECH POWER PLANT (Innovative Products)



Solar Thermal Power Plant

Solar Power Plants starting from 500 watt. offgrid to 5MW Grid Connected are available on Turnkey basis.



Solar PV Power Plant

Solar power is the conversion of sunlight into electricity, either directly using photovoltaics (PV), or indirectly using concentrated solar power (CSP). Commercial CSP plants were first developed in the 1980s, and the 354 MW SEGS CSP installation is the largest solar power plant in the world and is located in the Mojave Desert of California. The 80 MW Samia Photovoltaic Power Plant in Canada, is the world's largest photovoltaic plant. Experimental approaches to solar power include concentrated photovoltaics systems, thermovoltaic devices, and space-based solar power.

Solar power is an intermittent energy source, meaning that solar power is not available at all times, and is normally supplemented by storage or another energy source, for example with wind power and hydropower, etc. Solartech is bringing these innovative products to India. For your specific requirements and further details, please contact us.



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