

ServPORT

A Simple Solar Solution offering
Power Generation & Storage



About ServPORT

ServPort is a standard plug-n-play grid interactive photovoltaic system having a system size of 2kWp with battery storage designed for 100% self-consumption. Servotech is amongst the **exclusive providers of this technology in India**, to be mass produced for residential applications (UPS and AC load). The electrical storage will vary in capacity depending upon the application - ranging from 1 kWh lead-acid to 4.8 kWh Li-ion.



Cost-Effective

Slash your power costs by 30 to 50%



All-Weather Friendly

ServPort is perfectly compatible with the Indian weather



Low Maintenance

Smart devices ensures little or no maintenance costs



Plug-n-Play

Connect and use without approvals

Servotech Power Systems Ltd. has joined hands with the German Agency for International Cooperation (GIZ) for the better use, reach and development of Solar powered - ServPort as part of our technology-for-masses policy.



Implemented by
giz
Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH

In cooperation with
SERVOTEC
Power Systems Ltd.

Benefits

ServPort is a Solar PV system which uses sunlight to generate electricity. It is a portable plug and play system which can be ordered, installed and can be made fully operational within 3 days.

The ServPort is worthwhile for your energy needs as it takes minimal space on your rooftops and saves a lot of your power costs. It's also quite easy to set up and get started since it's a simple plug-n-play device which can be made functional with a lot of time and effort saved.



Reduces Carbon Footprint

Go green by reducing emissions 20% to 30%



Toughened Structure

Made with robust, long-lasting components



Enhanced Product Life

Covers warranty and guarantee for 25+ years



Easy to Install

Can be set up in three easy steps



Smart Space Utilization

Takes the least area of your rooftops



Portable to Transport

Can be easily moved to your preferred location



ServPort vs Traditional PV Rooftops



Servport easily edges past traditional PV systems on a number of levels:

ServPort

Standardized system
with certified components
for High performance

Lower cost through
mass production

Independent of
any policies

No bureaucracy

Independent from
policies

Independent from
feed in tariffs

PV Rooftops

Unreliable project
performance (components
and implementation)

Higher investment due
to individual adaptations

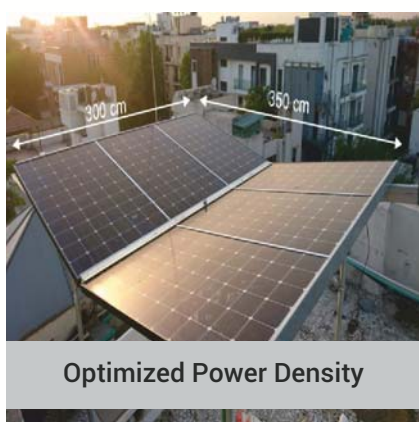
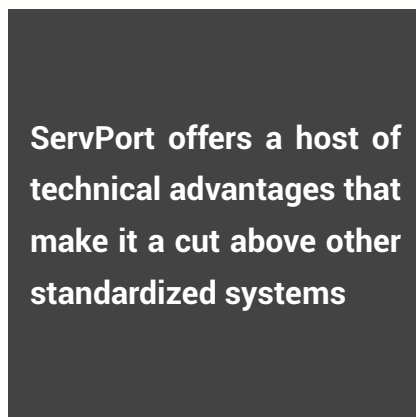
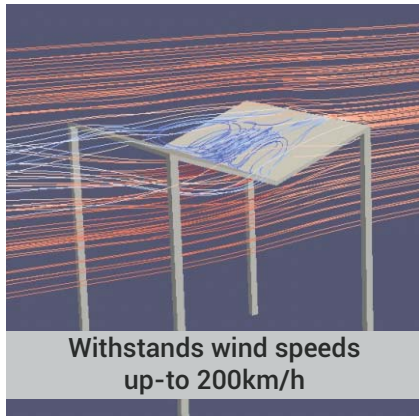
Unspecified incentives
depending on
different regions

Bureaucratic hurdles

Unclear policies

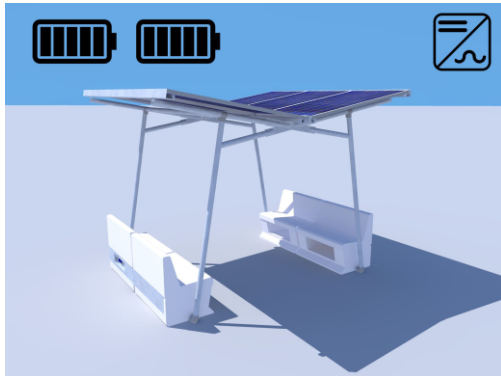
Difficult to calculate
incentives & tariffs

Technical Design



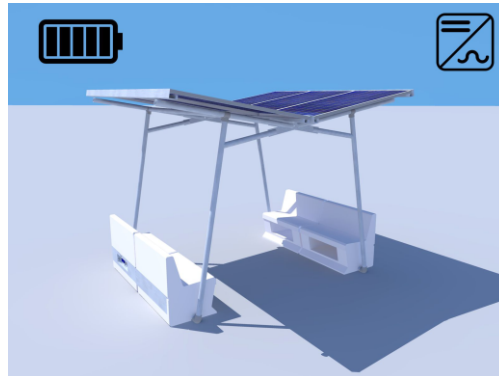
ServPort Range

ServPort comes in five different purpose-built variations



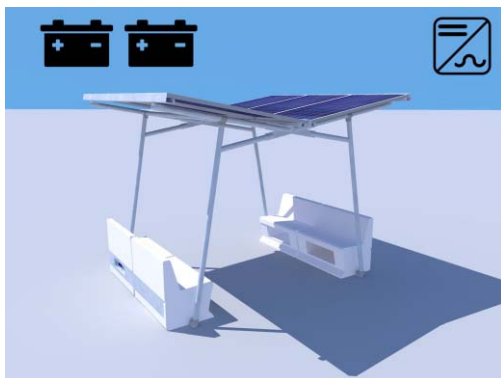
Energy Jet

With bench
& Lithium Battery (4.8 kWh)



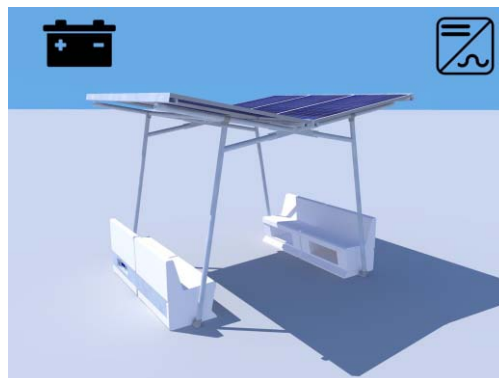
Energy Fortify

With bench
& Lithium battery (2.4 kWh)



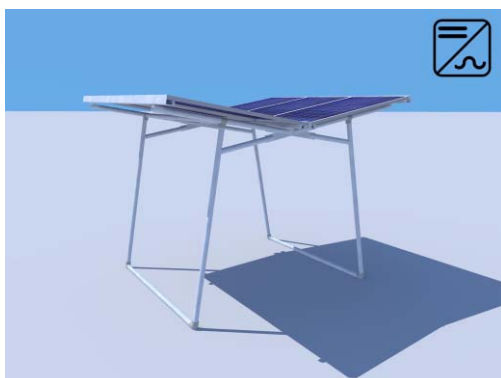
Energy Wrap

With bench &
Lead Acid Battery (4.8 kWh)



Energy Collateral

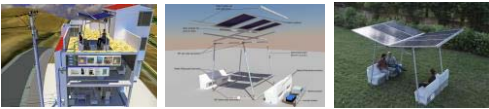
With bench & Lead acid battery (2.4 kWh)



Energy Focus

Without Battery and Bench

ServPort Comparison Sheet

Serv Port Model		Serv Port - 1	Serv Port - 2	Serv Port - 3	Serv Port - 4	Serv Port - 5
Model		Energy Focus	Energy Collateral	Energy Wrap	Energy Fortify	Energy Jet
						
Description		2KW Solar pack which can generate electricity upto 8-10 kilo watt per day across the year & provide you beautiful 4 X 3 sqmtr pavilion on the roof and also provide sitting upto 8 person				
Solar Panel	Solar panel 335Watt X 5 no.	S	S	S	S	S
Serv Port Structure	Super Imposed galvanised Structure Galvanized steel pipe 60 mm x 3.65, Hot Dip TUV certified Tubeclamps PV module rails, PV module bended cross bars, rain drain, screws with 5 yrs warranty (Dimension)	S	S	S	S	S
Micro Inverters	Micro Inverters Peak Power : 395 watt X 6 no.	S	N	N	N	N
Hybrid Offgrid Inverter	Hybrid Offgrid Inverter 2000watt	N	S	S	S	S
UV-Stabilized Benches	Latest watercooled - UV stabilized resin benches which help to manage electronics thermal temperature during summer & provide sitting upto 8 person(4 x Rotomoulded Benches –)	O	S	S	S	S
Battery Bank	Battery Bank (Sealed Maintenance Free) battery 2-3 Years	N	S(2.4)	S(4.8)	N	N
Battery Pack	LiFepo4 Battery pack (Battery Life 7-10 years)	N	N	N	S(2.4)	S(4.8)
Sprinkler	Sprinkler	O	O	O	O	O
Lighting Arrestor	Lighting Arrestor	O	O	O	O	S
Earthing Kit	Earthing Kit	O	O	O	O	S
Zero Export Device	Zero Export Device	O	O	O	O	S
Installation	Installation	A	A	A	A	A
Transportation	Transportation	A	A	A	A	A
Monitoring App	Monitoring App	S	S	S	S	S

Glossary - S: Standard | O: Optional | A: Additional |
N: Not Available | 2.4/4.8: KW size of battery

Images





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