OpalSwitch
Light+

Compact and more convenient
with Opal View.

O1-2500S / 3000S / 3300S

Opal Switch Light+ offers single phase inverters, for smaller residential users. It is a complete package that is small, lightweight with a maximum performance efficiency of 97.6%.

With Opal View, the automatic monitoring by Opal Solar provides you updated performance reports, data analyses and reports irregularities at any time.

At Opal Solar, we will ensure to provide prompt after-service and excellent on-going support to meet your demands so you can relax with ease.

There are a range of models available for you to choose from, depending on your demands, allowing you to harvest the maximum amount of energy possible from your PV system.

Features

EASY TO USE

·High quality, compact and reliable
·Easy and quick installation
·Lightweight interface

FLEXIBLE

·65 V Start-Up
·Wireless communication
·Broad input voltage range

FUTURE-PROOF

·Wifi and LAN interface in one USB port
·Maintenance free with convection cooling

EASY TO USE

·Free online portal via OPAL VIEW accessible in any environment
·Automatic data monitoring on smartphones and tablets

Support

ON TIME
Technicians will promptly offer customised service and excellent support.

ACCURACY
Professional and experienced service experts ready to assist via phone, email and on site.

MONITORING
We closely analyse live data from Opal View to ensure your PV system performs to its full potential.
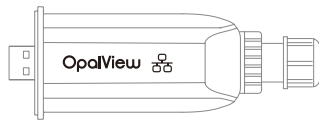
REASSURANCE
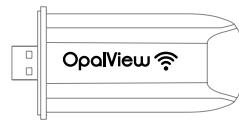All around service for optimum and safe system performance.

Specifications subject to technical changes and tests. Opal Solar reserves the right of final interpretation.

Monitoring Accessories

Purchase the Pocket LAN or Pocket Wifi to access the online monitoring platform. Visit https://www.opal-view.net for details.

Pocket LAN

Pocket Wifi

Download Opal View

Visit https://www.opal-view.net to access the online monitor platform. Scan the QR code to download your Opal View app.

iOS

Android

O1-2500S / 3000S / 3300S

Technical Data

INPUT [DC]	O1-2500S-TL	O1-3000S-TL	O1-3300S-TL
Max Recommended DC Power [W]	2700	3200	3450
Max Input DC Voltage [V]	600		
Max. Input Current [A]	10		
MPPT Voltage Range [V]	100~580		
Start Input / Output Voltage [V]	65/120		
Number of MPPT Tracker / Strings per MPP Tracker	1/1		

OUTPUT [AC]	O1-2500S-TL	O1-3000S-TL	O1-3300S-TL
AC Nominal Power [W]	2500	3000	3300
Max. AC Power [VA]	2500	3000	3300
Nominal AC Voltage, Range [V]	220/230/240; 180~280		
AC Grid Frequence, Range [Hz]	50/60; ±5		
Max. AC Current [A]	12	14	15
Power Factor [Full Load]	0.8 Leading ~ 0.8 Lagging		
Total Harmonic Distortion [THD]	<1.5%		

EFFICIENCY	O1-2500S-TL	O1-3000S-TL	O1-3300S-TL
MPPT Efficiency [%]	99.9		
Euro Efficiency [%]	96.5		
Max Efficiency [%]	97.6		

General Data

Dimensions [W / H / D]	323mm / 402mm / 119mm
Weight [kg]	9.5
Protection Level	IP65
Operating Temperature [°C]	-20 ~ +60 [Derating at 45]
Humidity [%]	0~95, Non - Condensing
Altitude [m]	2000
Storage Temperature [°C]	-20 ~ +60
Noice Emission [dB]	<30
Standby Power [W]	<10
Topology	Transformerless
Communication Interface	RS 485 / WiFi [Optional] / LAN [Optional] / DRM
LED Display	11 LED
Standard Warranty [Years]	5 Years / 10 Years Optional
Cooling Type	Natural

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