

OpalSwitch Light Pro

Compact and more convenient
with Opal View.



01-3000D / 3300D / 3600D / 4200D / 4600D / 5000D

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 97.8%.

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

- 110 V Start-Up
- Wireless communication
- Broad input voltage range

FUTURE-PROOF

- Direct Smart-Meter connection
- 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.

MONITORING

We closely analyse live data from Opal View to ensure your PV system performs to its full potential.

ACCURACY

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

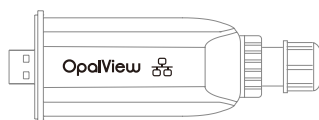
REASSURANCE

All around service for optimum and safe system performance.

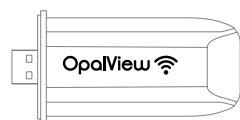
Specifications subject to technical changes and tests. Opal Solar reserves the right of final interpretation.

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

01-3000D / 3300D / 3600D / 4200D / 4600D / 5000D

Technical Data

INPUT [DC]	01-3000D	01-3300D	01-3600D	01-4200D	01-4600D	01-5000D
Max. Recommended DC Power [W]	3250	3500	4000	4600	5200	5200
Max. Input DC Voltage [V]	600					
Max. Input Current [A]	12					
Max. Short Circuit Current [A]	15					
MPPT Voltage Range [V]	125~580					
Start Input / Output Voltage [V]	110/150					
Number of MPPT Tracker / Strings per MPP Tracker	2/1					
OUTPUT [AC]	01-3000D	01-3300D	01-3600D	01-4200D	01-4600D	01-5000D
AC Nominal Power [W]	3000	3300	3680	4200	4600	4999
Max. AC Power [VA]	3000	3300	3680	4200	4600	4999
Nominal AC Voltage, Range [V]	220/230/240; 180~280					
AC Grid Frequency, Range [Hz]	50/60; ±5					
Max. AC Current [A]	14	15	16	19	21	21
Power Factor [Full Load]	0.8 Leading ~ 0.8 Lagging					
Total Harmonic Distortion [THD]	<2.0%					
EFFICIENCY	01-3000D	01-3300D	01-3600D	01-4200D	01-4600D	01-5000D
MPPT Efficiency [%]	99.9					
Euro Efficiency [%]	97.0					
Max Efficiency [%]	97.8					

General Data

Dimensions [W / H / D]	339mm / 420mm / 143mm	
Weight [kg]	14.6	16.7
Protection Level	IP65	
Operating Temperature [°C]	-20 ~ +60 [Derating at 45]	
Humidity [%]	0~95, Non - Condensing	
Altitude [m]	2000	
Storage Temperature [°C]	-20 ~ +60	
Noise Emission [dB]	<25	
Standby Power [W]	<3	
Topology	Transformerless	
Communication Interface	RS 485 / WiFi [Optional] / LAN [Optional] / DRM	
LCD Display	7 LCD	
Standard Warranty [Years]	5 Years / 10 Years Optional	
Cooling Type	Natural	

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