



Products	WI-PS306GF-UPS-15A
Hardware Version	V2
Hardware Features	
Interface	1*10/100/1000Mbps PoE++ RJ45 port 2*10/100/1000Mbps PoE+ RJ45 ports 2*10/100/1000Mbps 24V(passive)/48V(af/at) PoE RJ45 ports 1*1000Mbps SFP
Serial Port	1*2-PIN 3.81mm RS-485 (Data A, B) terminal blocks
Power Input Port	6-PIN 5.08mm terminal blocks: 2*2-PIN Solar input in parallel (compliant DC input but cannot be connected at the same time with solar input to avoid damage to the device) 1*2-PIN Battery charging & discharging Max. wire diameter: 2.5mm2/12AWG
LED Indicator	Front panel: 1*PW, Power indicator 1*BIN, Battery charging status indicator 1*BOT, Battery discharging status indicator 4*Port PoE status indicators 1*SFP port indicator
	Rear panel: 1*CPU, System indicator 1*VOT, Power output indicator 1*BIN, Battery charging status indicator 1*BOT, Battery discharging status indicator 1*SIN, Power input indicator 1*BS, Battery status indicator
DIP Switch	Front panel: PoE watchdog mode, all PoE ports enable the PoE watchdog function, which can detect and reboot the offline compliant PoE powered devices automatically. VLAN mode, all downlink ports are isolated from each other, but can communicate with uplink ports. Extend mode, the data and PoE transmission distance of port 1~5 can be up to 250m. Port 4 and 5 PoE mode, switch 24V passive PoE mode or af/at PoE mode of ports 4&5. Rear panel: Switch the power on and off. 12V/24V lead acid, 11.1V(Working voltage: 9~12.6V)/22.2V(Working voltage: 18~25.2V) lithium, 12.8V(Working voltage: 10~14.6V)/25.6V(Working voltage: 20~29.2V) LiFePO4 battery type selection.
Power Consumption	<5W (Without PoE)
Dimensions(W*D*H)	197*144*35mm
Weight	0.83kg
Package Dimensions	270*220*67mm
Package Weight	1.08kg
Installation	Wall/Desktop mounted
Fan Quantity	Fan-less
Material	Metal shell
Color	Black

PoE	
PoE Port	Port 1-5
PoE Standard	Port 1: IEEE 802.3bt (Type 4) Port 2-3: IEEE 802.3af/at Port 4-5: IEEE 802.3af/at or 24V passive PoE
PoE Pin Assignment	Port 1: 1/2/4/5 (+), 3/6/7/8 (-) Port 2-3: 1/2(+), 3/6(-) Port 4-5: 1/2(+), 3/6(-) @IEEE 802.3af/at PoE or 4/5(+), 7/8(-)@24V passive PoE
PoE Port Power	90W max for port 1, 30W max for port 2-3, 30W max@ IEEE 802.3af/at or 24W max @24V passive PoE for port 4-5
PoE Power Budget	120W max for the whole switch PoE power budget

Switch Property	
Standards and Protocols	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt
Forwarding Mode	Store and forward
MAC Address Table	2K
Switching Capacity	12Gbps
Packet Forwarding Rate	8.94Mpps
Packet Buffer Memory	2.4Mb
Jumbo Frame	10240Bytes
Reliability	
ESD Protection	6kV
Surge Immunity	6kV
Operating Environment	-20°C to 65°C, 10%~90% (non-condensation)
Storage Environment	-40°C to 70°C, 5%~90% (non-condensation)

Other Features	
Cloud Management	The photovoltaic power, battery status, and data can be quickly configured, visual management, and remote access in the Wi-Tek cloud through a Cloud IoT Controller (Solar mode of the serial port).

How to distinguish WI-PS306GF-UPS-15A versions

OptionA:Distinguish by appearance			
Hardware Version	Software Version	Different	Describe
V2	V1.34		1, NEW DIP switch mark for NEW software 2, There is RS-485 terminal. 3, There is no grounding terminal. 4, Phenix connector mark is “S1+, S1-, S2+, S2-, B-, B+”. 5, LED indicator is “BS”. 6, 90W PoE for port 1.
V2	V1.30		1, There is RS-485 terminal. 2, There is no grounding terminal. 3, phenix connector mark is “S1+, S1-, S2+, S2-, B-, B+”. 4, LED indicator is “BS”.
V1	/		1, There is grounding terminal. 2, Phenix connector mark is “S+, S-, V+, V-, B-, B+”. 3, LED indicator is “VIN”.

Option B: View the software version via WI-IOT100 on the cloud

Status		Solar System Address 1
Online Solar System	0 W Charging Power	
0 W DC Power	75 % @Discharging Battery	
12 W Load	- Discharging Duration Time	
Battery Type 12.8V (10.2 ~ 14.8V) LiFePO4 Battery	Battery Charging Current 0.0 A	
Battery Voltage 13.45 V	Battery Discharging Current 0.96 A	
Battery Temperature -	Solar System Version V1.30	

WI-PS306GF-UPS-15A Version Update Log

WI-PS306GF-UPS-15A hardware version V2.0, software version V1.34
1, Update the operation modeand mark of DIP switches to make it easier to understand and use.
2, Updatethe 12.8V LiFePO4 battery maximum charging voltage from14.8V to14.6V, discharge cut-off voltage from 10.2V to10V, and 25.6V LiFePO4 battery maximum charging voltage from 29.6V to29.2V,discharge cut-off voltage from 20.4V to 20V, making it more compatible with more batteries.
3, Updatethe port 1 from 60W PoE to 90W PoE.

WI-PS306GF-UPS-15A hardware version V2.0, software version V1.30
1, Added a RS-485 interface for IoT devices to upload solar and battery data to the cloud and configure battery parameters and alarms.
2,Fixed the solar input Phoenix terminalmark from “S+, S-, V+, V-” to“S1+, S1-, S2+, S2-”.
3,Fixed the LED indicator mark from “VIN” to“BS”.
4, Remove the grounding terminal.

WI-PS306GF-UPS-15A hardware version V1.0
1, First version.