

 		
Model	WI-PCES310GF-F	
Model	WI-PCES318GF-F	
Hardware Specifications		
Interfaces		
Downlink Ports	8 *10/100/1000Mbps RJ45 Ports	16 *10/100/1000Mbps RJ45 Ports
Uplink Ports	2 *1000Mbps SFP Slots	2 *1000Mbps SFP Slots
PoE		
PoE Port	Port 1-8	Port 1-16
PoE Standard	Port 1-2: IEEE802.3 af/at/bt Port 3-8: IEEE802.3 af/at	Port 1-4: IEEE802.3 af/at/bt Port 5-16: IEEE802.3 af/at
PoE Pin Assignment	1/2(+), 3/6(-), 4/5(+), 7/8(-)	
PoE Power	90W Max. for port1-2 30W Max. for port3-8 145W Max. for PoE power budget	90W Max. for port 1-4 30W Max. for port 5-16 235W Max. for PoE power budget
Performance		
Flash Memory	4 MB	
Switch Property		
Standards and Protocols	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3x, IEEE 802.1x, IEEE 802.1q, IEEE 802.1p, IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt	
Forwarding Mode	Store and Forward	
Switching Capacity	20 Gbps	36Gbps
Packet Forwarding Rate	14.88 Mpps	26.78Mpps
MAC Address Table	2k	8k
Packet Buffer Memory	1.5Mbit	4.1Mbit
Jumbo Frame	9216 Bytes	10kB
Power Supply		
Input Power	DC 48-57V/6A Max	DC 48-57V/8A Max
Power Consumption	Idle: 5 W 100% Traffic Rate with PoE: 150W	Idle: <5 W 100% Traffic Rate with PoE: 240W
Physical Characteristics		
Switch Dimension (W*D*H)	180*140*25 mm	230*148*24.4 mm
Package Dimension	247*215*47 mm	263*238*48 mm
Weight	Net Weight: 0.68 kg	Net Weight: 1.0 kg
	Package Weight: 0.95 kg	Package Weight: 1.2 kg
Installation	DIN-rail, wall-mount and magnetic-mount	
Environmental		
Reliability	Surge Immunity	IEC 61000-4-5 Common mode 6kV Differential mode 2kV
	ESD Protection	IEC 61000-4-2 Contact discharge 6kV Air discharge 8kV
Operating Temperature	-40°C to 75°C(-40°F to 167°F)	-30°C to 65°C(-22°F to 149°F)
Operating Humidity	10%~90% RH no condensation	
Storage Temperature	-40°C to 80°C(-40°F to 176°F)	
Storage Humidity	10%~90% RH no condensation	
Certification		
Certification	CE, FCC, RoHS, UKCA, RCM	
Software Features		
System Settings	Device Info	
	IP Settings	
	User Management	
	Firmware Upgrade	
	Configuration Backup	
	Reset	
	Save Configuration	
	Reboot	
Switch Settings	Port Settings	
	Port Statistics	
	Storm Control	
	Port Mirroring	
	Port Isolation	
	Port Bandwidth Control	
	Link Aggregation	
	Loop Guard	
	MAC Search	
	Static MAC	
VLAN Settings	VLAN Member	
	VLAN Settings	
PoE Management	PoE Settings	
ONVIF	Onvif Detect	
Cloud Settings	MQTT Client	
	Wi-Tek Devices Discovery Table	
Products	WI-IOTBOXNANO	
Hardware Version	V1	
Hardware Features		
Overall Dimensions (W*H*D)	300*400*148mm (Include mounting slot) 300*400*133mm	
Inner Dimensions (W*H*D)	296*396*95mm	
Weight(kg)	?	
Package Dimensions (W*H*D)	460*360*190mm	
Package Weight(kg)	?	
Thickness	1.2mm	
Materia	SPCC	
Color	Light Grey + Grey	
Surface Treatment	Electrostatic Spraying	
Installation	Pole/Wall(optional)/Floor mounted	
Door	1	
Lock Hole	1	
Detachable Side Plate	2 (1 on each side panel)	
M25 Waterproof Connector	2 (1 on each side inner panel)	
Aluminum Alloy Chute	2 (on the rear panel)	
Bottom Cable Entry	1 (at the bottom)	
Water Outlet Holes	4 (at the bottom, can be blocked with rubber plugs)	
Microswitch	1 (on the upper right inside)	
Fan	1 on the right inner panel	
Insect Net	2 1 on the upper right inside , between the fan and the waterproof louver, 1 on the upper left inside, between the back bracket and the waterproof louver	
Equipment Installation	2*250mm DIN-Rail	
Protection	IP55	
Application		
Application	Junction, Distribution, Electrical, Battery, Control, Monitoring etc. Outdoor waterproof Enclosure Box	
Model	WI-FP150W-56V	
Output		
DC Voltage	56V	
Rated Current(Max.)	2.67A	
Current Range	0-2.67A	
Rate Power(Max.)	150W	
Ripple & Noise(Max.)	200mVp-p	
Volatge ADJ. Range	47.5-58V	
Voltage Tolerance	± 1.0%	
Link Regulation	± 0.5%	
Load Regulation	± 0.5%	
Setup, Rise Time	1.0s,30ms/230VAC(at full load); 1.0s,30ms/115VAC(at full load)	
Hold Up Time (Typ.)	40ms/230VAC(at full load); 12ms/115VAC(at full load)	
Input		
Voltage Range	90~264VAC 127~370VDC [DC input by connecting AC/L(+),AC/N(-)]	
Frequency Range	47~63Hz	
Efficiency	89.5%	
AC Current (Typ.)	3.1A/115VAC; 1.8A/230VAC	
Leakage Current	<1.5mA/240VAC	
Inrush Current	Cold Start 120A/1000µs at 230VAC 50Hz Cold Start 60A/800µs at 115VAC 50Hz	
Protection		
Over Load	110%~140% rated output power Protection type: Hiccup mode, recovers automatically after fault condition is removed	
Over Voltage	115~150% Rated Output Voltage Shut down o/p voltage, re-power on to recover	
Over Temperature	Shut down o/p voltage, re-power on to recover	
Short Circuit	Hiccup mode, recovers automatically after fault condition is removed	
Environment		
Working Environment	-30°C~-70°C(Please refer to “Derating Curve”section); 20 ~ 95% RH Non-condensing	
Storage Environment	-40°C~+85°C; 10 ~ 95% RH Non-condensing	
Other		
Product Dimension(W.H.D)	159*97*30mm	
Product Weight	415g	
Installation	Chasis Mount	
Note:		
1.All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.		
2.Ripple&noise are measured at 20MHz of bandwidth by using a 12” twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.		
3. Length of set up time is measured at cold first start. Turning ON/OFF the power supply very quickly may lead to increase of the set up time.		
4.The ambient temperature derating of 3.5 °C/1000m with fanless models for operating altitude higher than 2000m(6500ft).		