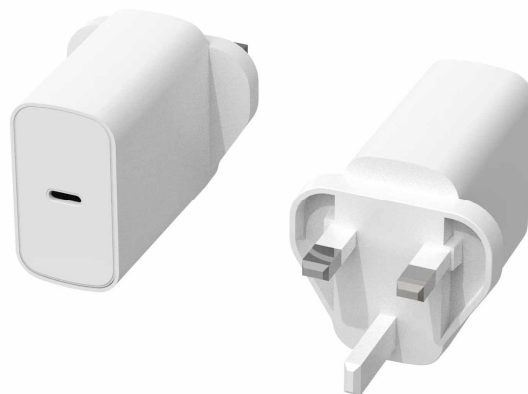


Product Features

- Worldwide standard voltage: 100-240VAC, 50/60Hz
- Energy efficiency rating DoE Level VI
- Overvoltage, overcurrent, and short circuit protection
- Fully enclosed plastic housing
- Type-C input interface
- Wall-mounted
- Comply with global certification requirements



REACH
RoHS

UL LISTED
I.T.E. POWER SUPPLY
A.V. POWER SUPPLY
E494216

CONFORMED TO UL
STD 1577
CERTIFIED TO CSA
STD C22.2 NO.250

FCC

CCC

CE

Intertek

The PD65W series is a desktop power adapter featuring a global input voltage range, low power consumption, high efficiency, high reliability, and safety isolation. It complies with UL 62368-1:2019 (Ed.3+R:22Oct2021), IEC 61558-2-16:2009, EN IEC 61558-1:2019, GB 17625.1-2022, GB 4943.1-2022, GB/T 9254.1-2021, and FCC Part 15 Subpart B:2022 standards. The series delivers output voltages from 5V to 21V, meeting the diverse requirements of consumer electronics, telecommunications equipment, office systems, and household appliances.

Electrical specifications

model		A065	A065	A065
output	DC Voltage	5V,9V	12V,15V	18V-21V
	Rated current	3.0A	4.0A	3.5A
	Current range	0.1-3.00A	0.1-4.00A	0.1-3.5A
	rated power	65W	65W	65W
	Voltage accuracy	±5%	±5%	±5%
	Line Regulation	±3%	±3%	±3%
	Load Regulation	±5%	±5%	±5%
	Ripple & Noise(max)	200mVp-p max	200mVp-p max	200mVp-p max
	turn-on delay	3s@90VAC fully loaded		
	HOLD	10ms@115VAC fully loaded, 20ms@230VAC fully loaded		
	Output	Constant Voltage/Constant Voltage & Constant Current		
	rise time	300ms max		
	overshoot	Maximum 10% when power is on or off		
	Dynamic response	Output voltage at 115Vac and 230Vac conditions, load changes 25%,50%,75% and 100%, slope: 0.5A/us, frequency: 50Hz-10KHz		
input	Output Voltage	90 ~264VAC		
	input frequency	47 - 63Hz		
	Efficiency	5V3A≥81.39% , 9V3A:≥86.62% , 12V4A≥87.77% , 15V4A≥88% , 18V3.5A≥88%, 20V3.25A≥88%		
	Input voltage	1.5A Max@90VAC fully loaded		
	Input voltage	Cold start: Maximum 60A under 264Vac input		
	No load power consumption	≤0.21W ,At the input115Vac/230Vac,		
	Leakage current	0.25mA Max@264VAC		
protect	Overvoltage protection	Rated output voltage 110%-150%		
	Overcurrent protection	Rated output current ≥110% From recovery		
	Short circuit protection	Hiccups, sustained short circuit, self-recovery		
	Safety standards	UL/CUL, ETL/CETL,CCC,GS,CE, FCC,UKCA,		
	Color	Black\white\pink\purple		

	Conventional Models	5V3A,9V3A,12V4A,15V4A,18V3.5A,20V3.25A; PPS:5-21V/3A
notes	* Ripple and noise measurement method: During testing, the oscilloscope should be set to 20MHz bandwidth limit, with a 0.1 μ F ceramic capacitor and a 10 μ F electrolytic capacitor connected in parallel at the output (input voltage 100-240Vac).	

General characteristics

project	working conditions	Min.	Typ.	Max.	unit
insulation voltage	Input-output test time: 60s, leakage current less than 10mA	1800	--	3000	VAC
insulation resistance	Input-output, insulation voltage 500VDC	100	--	--	M Ω
operation temperature	0℃ ~ 40℃, 5%~90% RH Non-Condensing	0		40	℃
storage temperature		-45		85	
Working humidity		20	--	80	%RH
Storage humidity	5%-90% RH Non-Condensing	5	--	95	
altitude		--	--	5000	m
lifetime	25℃	3			years
MTBF	MIL-HDBK-217F (25℃)	50000	--	--	hours

Physical property

Housing material	PC, 120℃ 94V-0
Color	Black\white\pink\purplee
Shell size	Wall-mounted: European standard socket L88.8*W49.5H*28m, Standard Pin L67.9*W48.6*H27mm, US-style connector L67.6*W48.5*H27mm
weight	200g(Typ.)
Cooling method	Natural air cooling

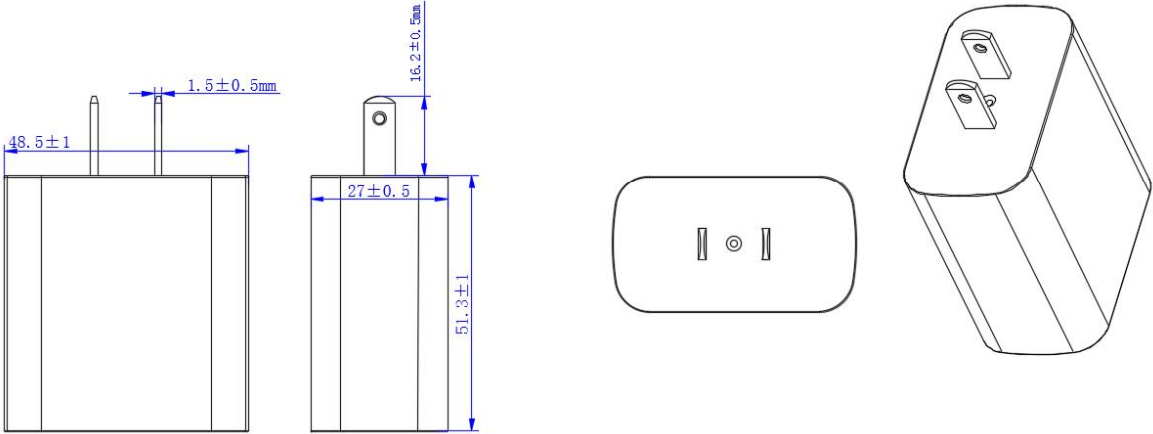
Safety standard;EMI Standards

classification	standard	condition	remarks
Safety	UL 62368-1:2019 Ed.3+R:22 Oct2021, IEC 61558-2-16:2009, EN IEC 61558-1:2019, GB 4943.1-2022;	accord with	
EMI	EN 55032; EN 55015;FCC PART 15B;GB17625.1 -2022, GB/T 9254.1-2021	accord with	

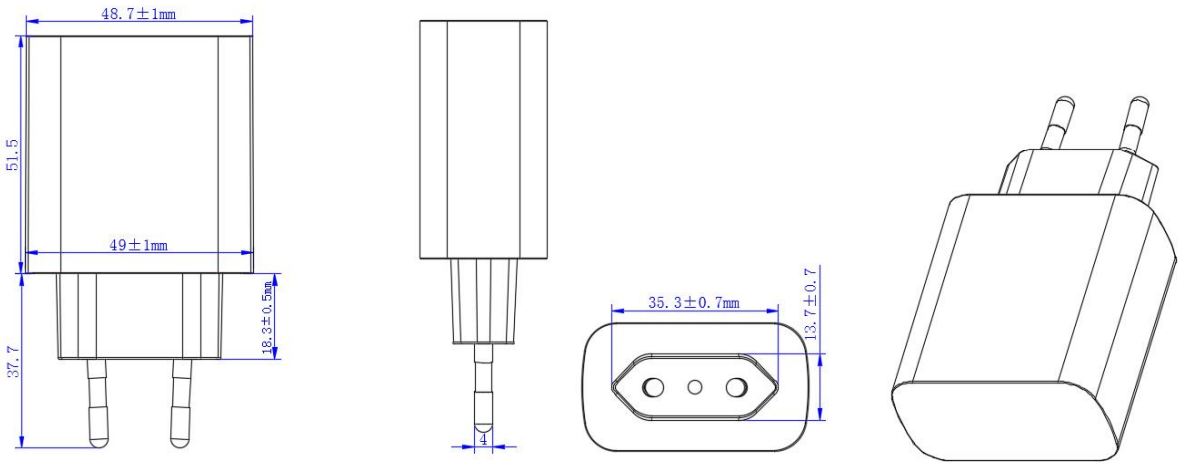
EMS Standards

EN 61000-3-2	Harmonic current emissions
EN 61000-3-3	Voltage fluctuations & flicker
EN 61000-4-2	Electrostatic Discharge(ESD): 8kV air discharge, 4kV contact discharge
EN 61000-4-3	Radio-Frequency Electromagnetic Field Susceptibility Test-RS
EN 61000-4-4	Electrical Fast Transient/Burst-EFT
EN 61000-4-5	Surge Immunity Test: AC Power Line: line to line 1kV
EN 61000-4-6	Conducted Radio Frequency Disturbances Test-CS
EN 61000-4-8	Power Frequency Magnetic Field Test
EN 61000-4-11	Voltage Dips

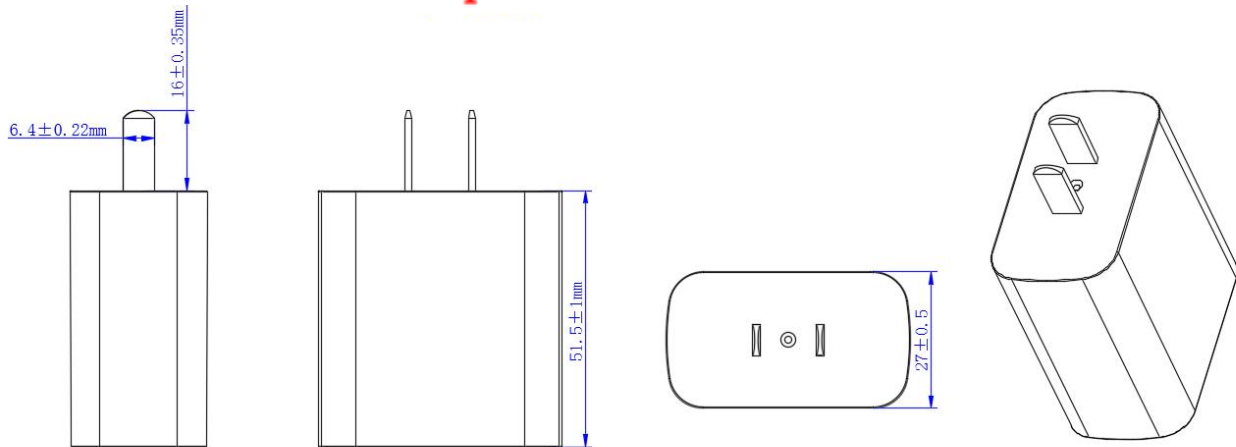
Us code pin



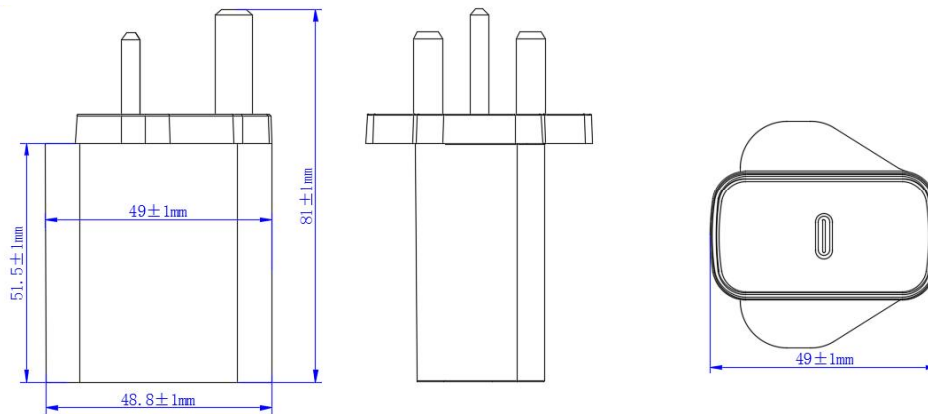
European code pin



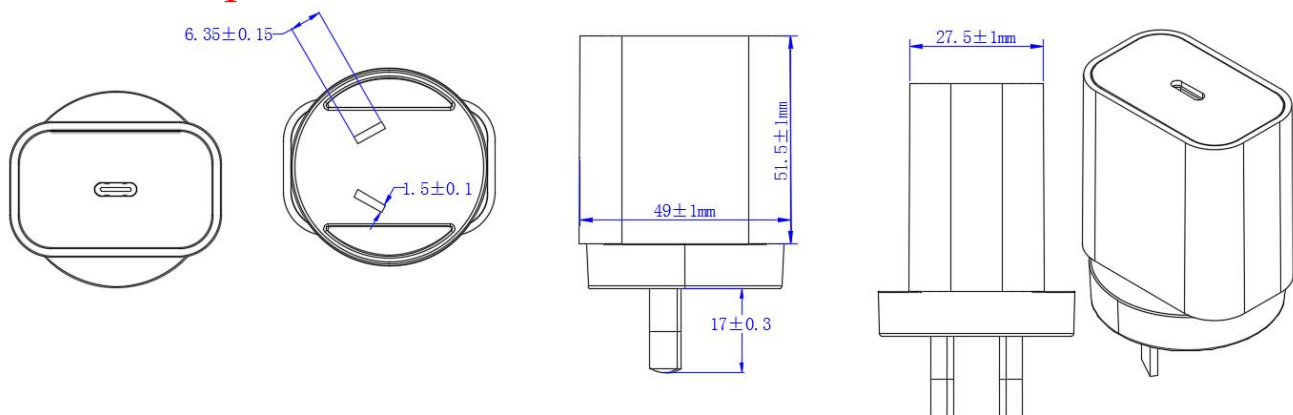
China pin



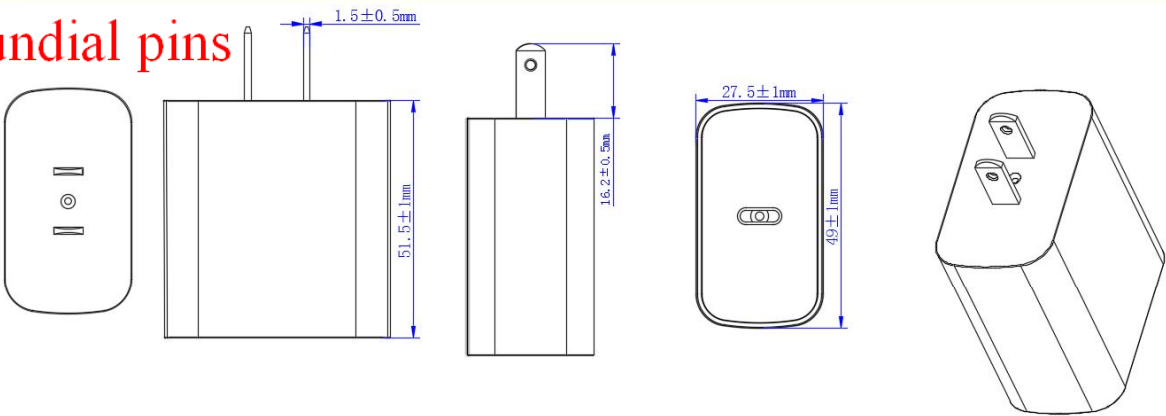
British pin



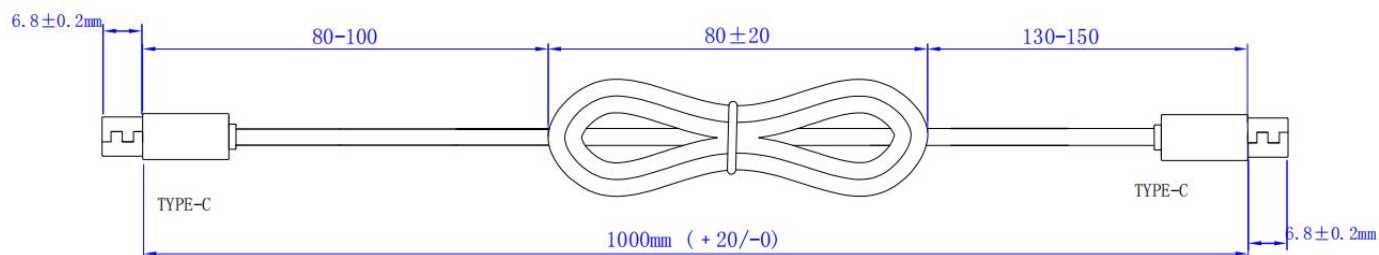
Australian pin



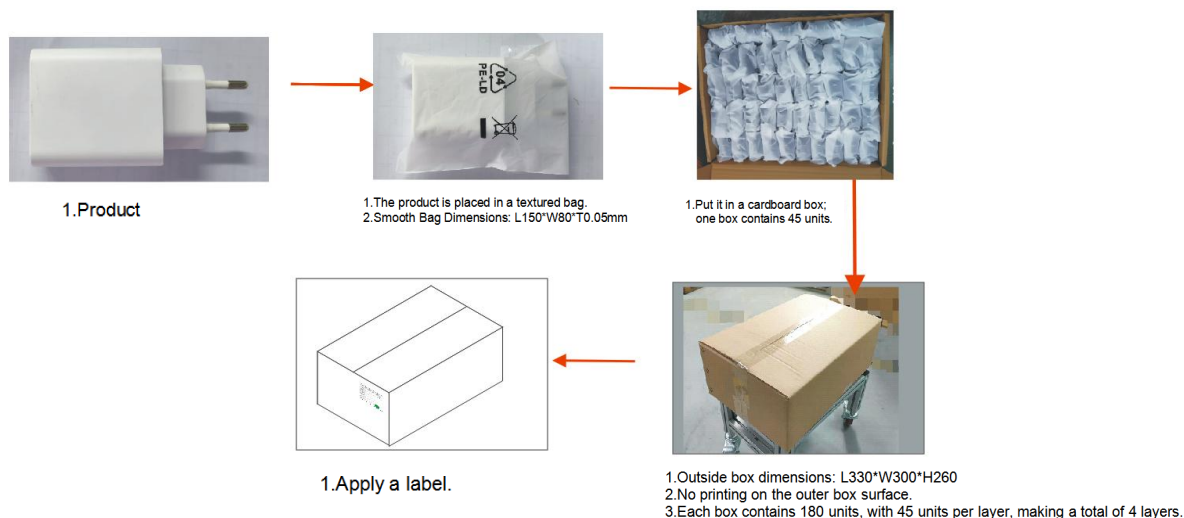
Sundial pins



DC Wire appearance size: (wire) DC head, wire length, customized according to customer requirements



Packaging diagram: packaging can be customized according to customer needs



- Note: 1. Product compliance with laws and regulations: Refer to "Product Features", "EMC Characteristics", and "Safety Standards";
2. After product disposal, our products must be classified and stored in accordance with ISO14001 and relevant environmental regulations, then disposed of by qualified entities;
3. If the product operates outside the specified load range, we cannot guarantee full compliance with all performance metrics in this manual;
4. Unless otherwise specified, all test conditions in this manual are measured at Ta=25°C, humidity <75%RH, nominal input voltage, and rated output load;
5. All test methods in this manual follow our company's enterprise standards;
6. We offer customized product solutions. For details, please contact our technical team directly.



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