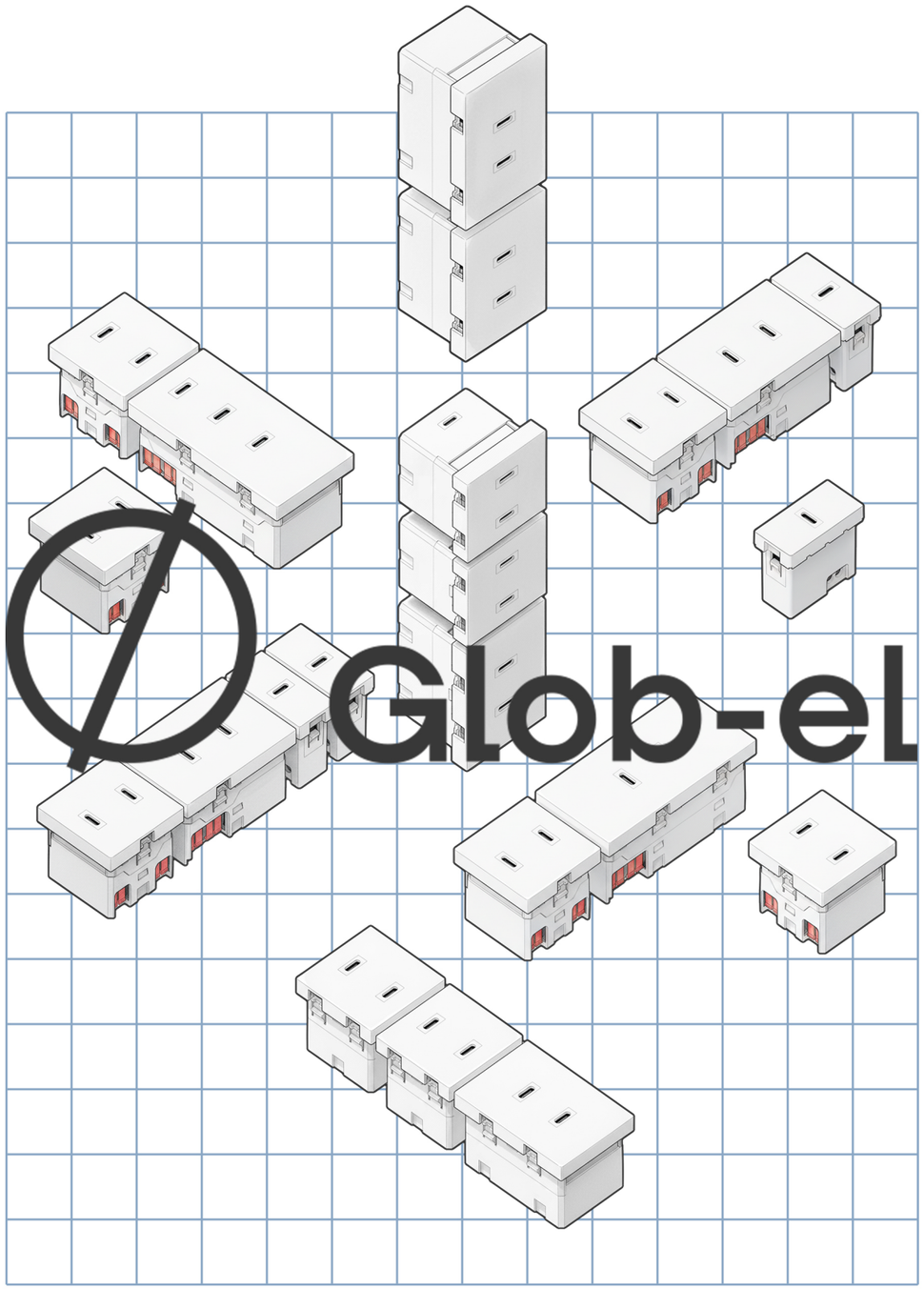


THE BUILDING BLOCKS
OF POWER.

www.glob-el.com



USB Charging Demand is Increasing:

1. Laptops, tablets, phones all rely on USB-C
2. Power demands continue to rise (laptops / multi-devices45 W → 65 W → 100 W+).
3. Installation & safety requirements are rising in professional systems

Common challenges in today’s USB installations

Limited power output (cannot charge laptops reliably)

Complex wiring and slow installation

Heat management issues in compact modules

Inconsistent quality across suppliers

Difficult upgrades when standards change

Our approach to USB power modules

01

Help you to be market leader in power

02

Fast and safe installation

03

Modular and future-upgradable



Our strength

01

High-Power USB-C Capability

(45-65W→100W)

02

Quick-Connect Terminal Design

Tool-free or simplified wiring
Faster installation on site
Reduced wiring errors and rework
Ideal for series production and projects

03

Engineered for Professional Systems

Suitable for furniture, trunking, wall and panel systems

04

ODM / Customization Capability



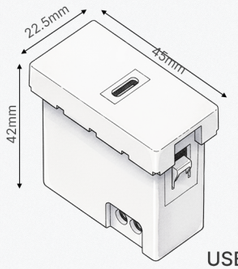


140W PD3.1 GaN Module

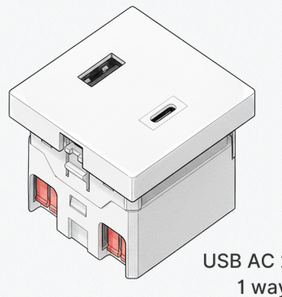
The Future of Workspace Power.

140W	25 min	90mm
Total Output	0% to 50% (MacBook Pro 16")	Flush Mount Width

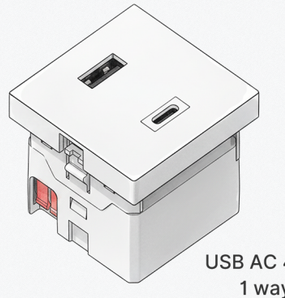
Product Specifications



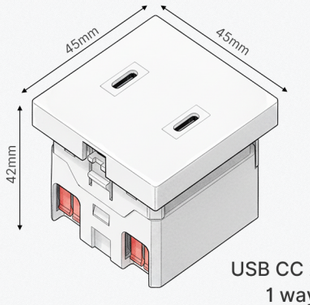
USB C 20W
0.5 way



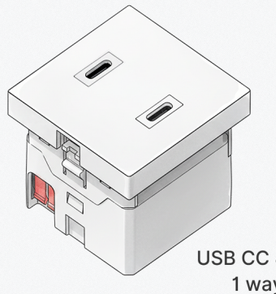
USB AC 20W
1 way



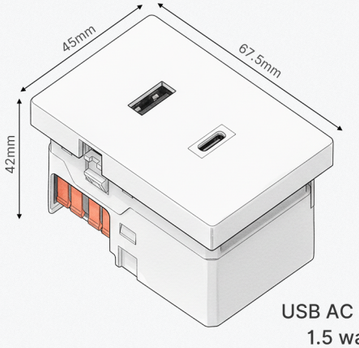
USB AC 45W
1 way



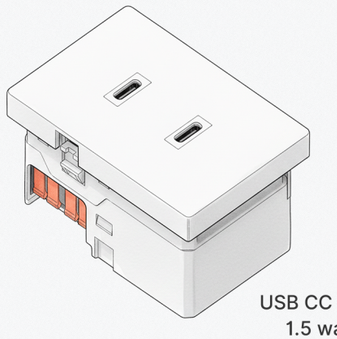
USB CC 20W
1 way



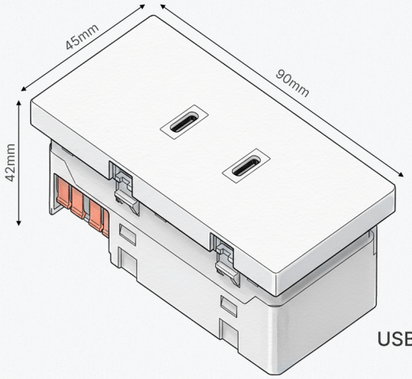
USB CC 45W
1 way



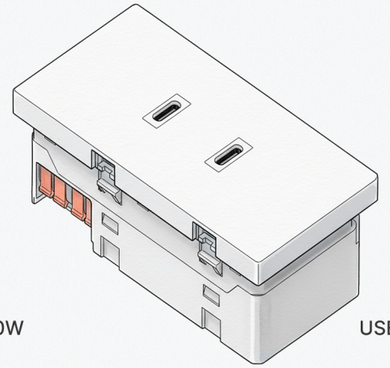
USB AC 65W
1.5 way



USB CC 65W
1.5 way



USB CC 100W
2 way

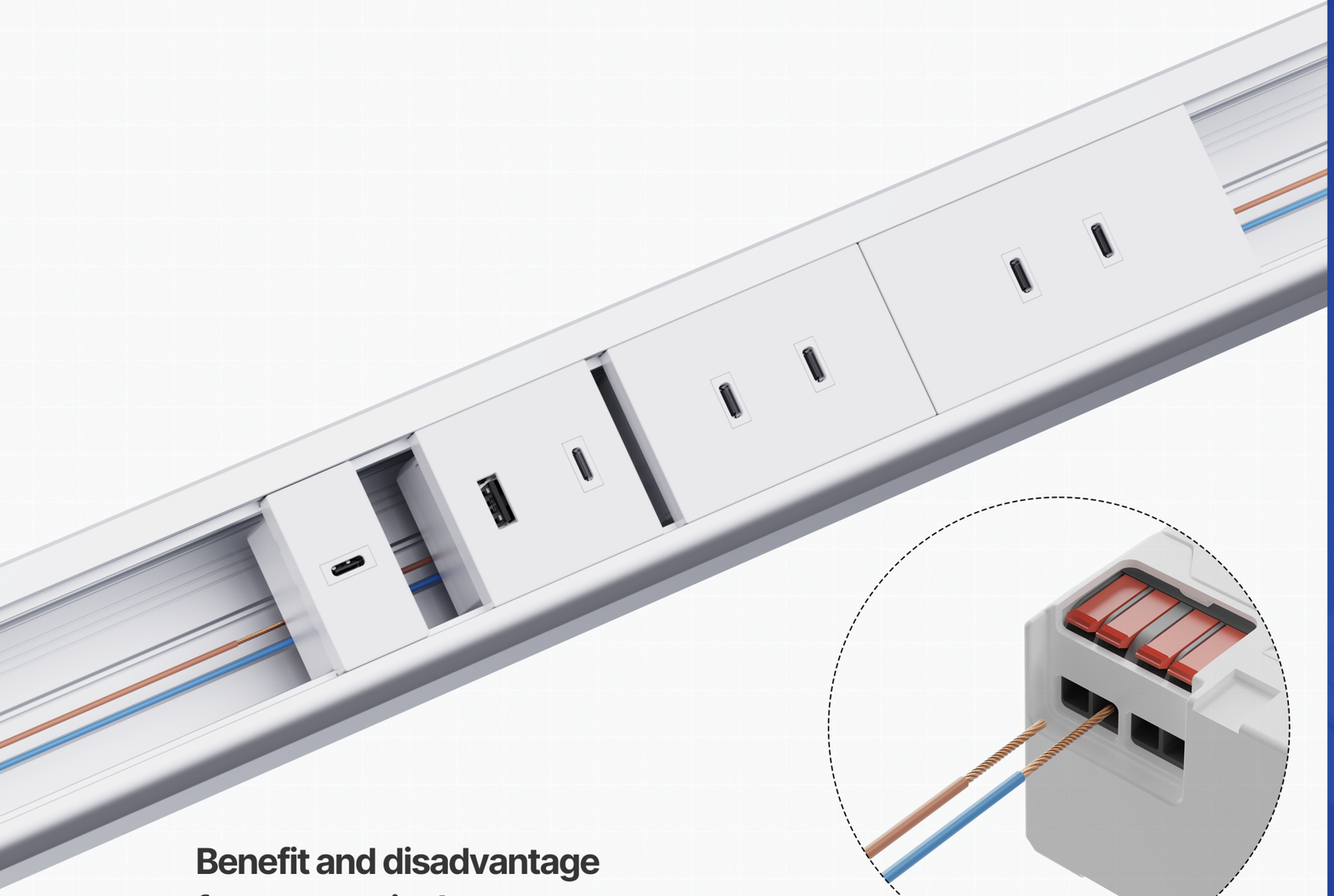


USB CC 140W
2 way

Product Type	USB C 20W 0.5 way	USB AC 20W 1 way	USB AC 45W 1 way
Product dimensions	22.5*45*42mm	45*45*42mm	45*45*42mm
Model	other	other	other
Operating voltage	100-250V	100-250V	100-250V
Frequency	50-50Hz	50-50Hz	50-50Hz
Power consumption	<0.1W	<0.3W	<0.3W
Connection type	Screwed terminal	Quick connection terminal	Quick connection terminal
Colour	White / Black	White / Black	White / Black
Min. depth of builti-in installation box	40mm	40mm	40mm
Suitable for degree of protection (IP)	1P20	1P20	1P20
degree of impact strength (IK)	IK04	IK04	IK04
Operating/ setting temperature	0-35°C	0-35°C	0-35°C
Storage temperature	-20-70 °C	-20-70 °C	-20-70 °C
Voltage type	AC	AC	AC
USB Output Power	20W	20W	20W
Halogen free	Yes	Yes	Yes
Number of terminals	2	4	2
Terminals capacity	1.5-2.5mm²	1.5-2.5mm²	1.5-2.5mm²
Cable nature for connection	Flexible or rigid	Flexible or rigid	Flexible or rigid
cable section	1.5-2.5mm²	1.5-2.5mm²	1.5-2.5mm²
Output	—	Single A : QC18W Single C : PD20W	Single A : QC36W Single C : PD45W

Product Type	USB CC 20W 1 way	USB CC 45W 1 way	USB AC 65W 1.5 way
Product dimensions	45*45*42mm	45*45*42mm	67.5*45*42mm
Model	other	other	other
Operating voltage	100-250V	100-250V	100-250V
Frequency	50-50Hz	50-50Hz	50-50Hz
Power consumption	<0.3W	<0.3W	<0.3W
Connection type	Quick connection terminal	Quick connection terminal	Quick connection terminal
Colour	White / Black	White / Black	White / Black
Min. depth of builti-in installation box	40mm	40mm	40mm
Suitable for degree of protection (IP)	1P20	1P20	1P20
degree of impact strength (IK)	IK04	IK04	IK04
Operating/ setting temperature	0-35°C	0-35°C	0-35°C
Storage temperature	-20-70 °C	-20-70 °C	-20-70 °C
Voltage type	AC	AC	AC
USB Output Power	20W	45W	65W
Halogen free	Yes	Yes	Yes
Number of terminals	4	2	4
Terminals capacity	1.5-2.5mm²	1.5-2.5mm²	1.5-2.5mm²
Cable nature for connection	Flexible or rigid	Flexible or rigid	Flexible or rigid
cable section	1.5-2.5mm²	1.5-2.5mm²	1.5-2.5mm²
Output	Single C : PD20W	Single C : PD45W C1+ C2 : 20W+20W	Single A : QC36W Single C : PD65W

Product Type	USB CC 65W 1.5 way	USB CC 100W 2 way	USB CC 140W 2 way
Product dimensions	67.5*45*42mm	90*45*42mm	90*45*42mm
Model	other	other	other
Operating voltage	100-250V	100-250V	100-250V
Frequency	50-50Hz	50-50Hz	50-50Hz
Power consumption	<0.3W	<0.3W	<0.3W
Connection type	Quick connection terminal	Quick connection terminal	Quick connection terminal
Colour	White / Black	White / Black	White / Black
Min. depth of builti-in installation box	40mm	40mm	40mm
Suitable for degree of protection (IP)	1P20	1P20	1P20
degree of impact strength (IK)	IK04	IK04	IK04
Operating/ setting temperature	0-35°C	0-35°C	0-35°C
Storage temperature	-20-70 °C	-20-70 °C	-20-70 °C
Voltage type	AC	AC	AC
USB Output Power	65W	100W	140W
Halogen free	Yes	Yes	Yes
Number of terminals	4	4	4
Terminals capacity	1.5-2.5mm²	1.5-2.5mm²	1.5-2.5mm²
Cable nature for connection	Flexible or rigid	Flexible or rigid	Flexible or rigid
cable section	1.5-2.5mm²	1.5-2.5mm²	1.5-2.5mm²
Output	Single C : PD65 C1+C2 : 18W+45W	Single C : PD100W C1+C2 : PD65W+PD30W	Single C : PD140W C1+C2 : PD65W+PD65W



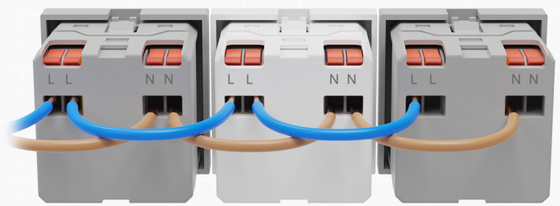
Benefit and disadvantage for two terminals

Benefit:
- Easy assembly
- can be used in the middle

Disadvantage:
- takes internal space and reduce the power



Single Terminals



Two Terminals

Designed for fast and reliable installation

Save
50S

Quick-connect terminals overview
Save 50seconds for single socket wire connection



Trunking and cable management systems

Conference tables

Educational and public spaces

Wall mounted version for electrical brands





IKEA

JUNG

:hager

legrand

Carrefour

metro