

270Wh Intelligent Power System with 3 x 90Wh Lithium-Ion Battery Packs



- Easy installation on most panel PCs with VESA mounting design
- 6~12 hours runtime with lithium-ion batteries of 270Wh capacity (depends on system power consumption)
- 24/7 non-stop mobile power with 3 hot-swappable batteries
- Effective infection control with system IP54 rating
- Real-time battery management & monitoring with software DeviceOn
- Light weight of less than 3.5 kg while two batteries inserted
- Various power output of 12V/17V/19V/24V to support wide variety of panel
- PC power supply specification

Specifications

Intelligent Power System	Battery Pack Type	1~3 Hot Swappable 3S3P/9 cells Lithium-ion Battery
	Battery Pack Capacity	90Wh each, Total 270Wh; 2-3 Hot Swappable Batteries support 6~12 hours operation time (depend on real power consumption of system)
	Battery Life Time	300 cycle time* 70%
	Charge Time	Single battery Pack: 0~80%: ~90 mins @ (5A Charge), 0~100%: ~ 150 mins Three battery Packs: 0~80%: ~270 mins @ (5A Charge, share with three battery pack) 0~100%: ~ 330 mins
	Normal Voltage	10.8V (3.6V/cell)
	Normal Capacity	8400mAh (2800mAh/cell)
	Cut off Volt. of Discharge	9V
	Max Voltage of Charge	12.3V (4.1V/cell)
	Max Current of Discharge	10.05A
	Max Current of Charge	5.025A
Battery LED Indicator	Battery Indicator status button Five status of battery capacity Five green light: capacity: 80%-100% Four green light: capacity: 60%-80% Three green light: capacity: 40-60% Two green light: capacity: 20-60% One green light: capacity: 0-20%	
Taper Current	0,45A	
Pre-Charge Current	1A	
DC out	DC-out Voltage	12V, 17V, 19V, 24V
	DC-out Power	90W maximal
IP Rating	IP54	
I/O Ports	Communication (IP54)	RS-232: COM Signal (M12 8pin female)
	DC-Out (IP54)	1 x DC-out (M12 5pin female)
	DC-In (IP54)	1 x DC-in (M12 5pin male)
Physical Characteristics	Abmessungen	563.8 x 125 x 76.5 mm
	Gewicht	4 kg (with three Battery Packs)
Certification	Power System: IEC60601-1-2 4th edition, IEC60601-1 Compliance Charging Station: IEC62368 Battery Pack: UN38.3, UL2054, IEC62133	

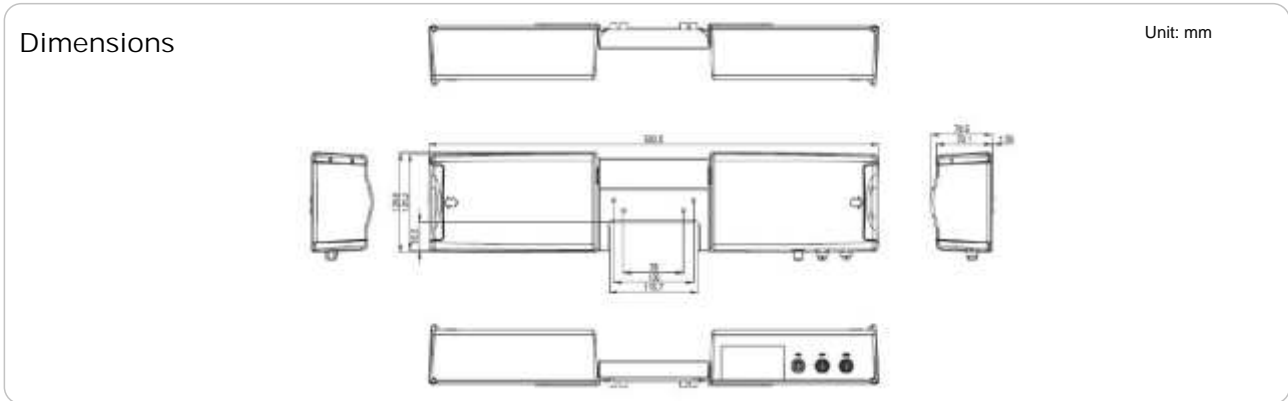
* cycle time : one 100% change and one 100% discharge with below condition

1. Battery is working in the specification temperature

2. To keep battery in good condition, it must be charged once in three months when stored at room temperature (20 ~ 30 °C)

July 2020. All product specifications are subject to change without notice.

Environmental	Operating Temperature	0~35?
	Storage Temperature	-10 ~ 50 °C
	Battery Charge	10 ~ 35 °C
	Battery Discharge	10 ~ 35 °C
Warranty	Electronic and Mechanical Parts: 2 years Battery Pack: Capacity 70%, 300 cycles or 1 year (Depends on which term come first.)	
Power Adapter	Power Input Voltage	100 ~ 240V AC
	Power Output	19V/7.89A, 150W
Battery Management	DeviceOn	Battery capacity indicator Alerts (battery capacity,temperature,warning) Battery life cycle statistics Report & log file Client App Installation & Server App Installation (optional)



Charging Station Specifications

Multi-Battery Charging Station	
Number of Bays	3
Power input voltage	100~240V AC, 19V, 150W Power Adapter
Charger time	Three battery Packs: 0~80%: ~150 mins.; 0~100%: ~ 210 mins
I/O Ports	1 x DC-in (Terminal Block 4P)
Battery LED Indicator	3x LEDs Green light : Fully charge battery pack in charger Red light : Battery pack is charging
Operating Temperature	0 ~ 35 °C (10 ~ 35 °C: Battery Charging)
Storage Temperature	-10 ~ 50 °C
Weight	< 1kg
Dimension	135.4 x 130.4 x 70.1 mm
Certification	CE/FCC/IEC62368

Accessories

Teilenummer	Beschreibung
1702002600	Power Cable USA 1,8M
1702002605	Power Cable EU 1,8M
1700018704	Power Cable UK 1,8M

Ordering Information

Teilenummer	CPU
POC-IPSM90PS2	POC- Power System w/ 2 batteries, VESA, cables
POC-IPSM90PS3	POC- Power System w/ 3 batteries, VESA, cables
POC-IPSM90B2	Battery Pack (2 pcs) of POC - Power System
POC-IPSM90CS3	Charging station (3 slots) of POC - Power System
POC-IPSM90PSA	Adapter (optional) of POC - Power System

