DCUPS Series

Lithium Battery Powered Mini DC UPS

CoolPower Solutions

- DC UPS / Auto start
- Intelligent Auto-Select Voltage
- Digital with Microprocessor Control
- LED Indicator
- Over Discharge, Overload and Short Circuit Protections
- Over Charge and Surge Protections
- Uses Battery Protection IC
- Real Time Backup



Output Terminal

Electrical specifications

Model		DCUPS24-5200	DCUPS36-10400
Input	Voltage	12 – 24 VDC	
Output	Voltage	12 / 15 / 19 / 24 VDC Auto-Selection as Input Voltage	
	Max Output Power	24 W	36 W
	Transfer time	10 ms typical	
Battery	Type	3,7 V Lithium-Ion 18650 type battery	
	Output Capacity	5200 mAh	10400 mAh
	Battery Backup Time	Half load 50mins / Full load 20 mins	
Protection	Input	Fuse for overload and short circuit protection	
	Output	MCU for over discharge, overload and short circuit protection	
	Battery	Battery protection IC for over charge, over discharge, overload and short circuit protection	
Environment	Operating Temperature	-20°C…+50°C	
	Storage	6 months at 20ºC, 3 months at 30ºC, 2 months at 35ºC If not used for long periods suggest charging every 3-5 months	
	IP Grade	IP20	
Physical	Charging Indicator LED	Power On x 1, Function Alarm x 1, Battery Mode x 1, Charging x 1	
	Input cord	Terminal	
	Output cord	Terminals*1 & DC Power cord : Jack 5,5mm x 2,1mm 20AWG	
	Connector accessory	Adapter F5,5x2,50mm / M5,5x2,1mm & Adapter F5,5x2,1mm /M5,5/2,5mm & Adapter F4,8x1,70mm / M5,5x2,1mm & Adapter F5,5x2,1mm /M4,8/1,7mm & Adapter F3,5x1,35mm / M5,5x2,1mm & Adapter F5,5x2,1mm /M3,5/1,35mm	
	Cooling Method	Free air convection	
	Case	Black ABS 94V0	
	Dimension (L x W x H)	105 x 80 x 43 mm	
	Weight	320 g	400 g

CoolPower Solutions

Cool Power Solutions Oy
Vanha Rajamäentie 173
FI-05200 Rajamäki
FINLAND

Tel: +358-400-800 712

Email: info@cps.fi
Web: www.cps.fi