

DC UPS

AoKu Electronics Co., Limited | www.aokuenergy.com

AKDCN Series 100W



Main Features



Battery capacity

Continuous monitoring of battery capacity



Batteries keep the power standby

Batteries keep the power standby and gentle battery charging



High power performance

DC UPS with compact size and high power performance



Long backup to the loads

Long Cycle LiFePO4 batteries, provides long backup to the loads.



High compatibility

suitable for most digital products in the market.



Built-in adapter

Smart built-in adapter makes charging more easier.



Reliability and great technology design

Reliability and great technology design for Network Video Recorder devices

AKDCN Series 100W



MODEL	AKDCN-8100P		AKDCN-8100PF				AKDCN-8012N		
INPUT									
Input voltage and frequency	100~240Vac		100~240Vac				110V: 110/115/120VAC; 220V: 220/230/240VAC / 50~60Hz		
OUTPUT									
Output power(Max.)	100W								
Output	POE	DC	DC	DC	POE	DC	DC		POE
Output voltage	24V/48V	12V x 10	12V x 5	48V/52V	24V/48V	5V+USB	9Vdc/12Vdc	12Vdc x8	15Vdc/24Vdc or 24/48V
Output polarity	+4,5pins -7,8pins				+4,5pins -7,8pins				+4,5pins -7,8pins
Output current & power (in common)	1.0A/0.6A 28W	8.0A 96W	5.0A 60W	2.0A/1.8A 96W	1.0A/0.6A 28W	2.0A 10W	3.0A 36W	8.0A 100W	1.0A
BATTERY									
Battery type	LiFePO4								
Capacity of battery	6000mAh x 4		6000mAh x 4				6000mAh x 4		
Protection	BMS (overcharging、 over - discharge、 over - current、 over -temperature protection and battery balanced)								
CHARGE									
Charging period	Typical:3~4 Hours								
PHYSICAL									
Unit dimension (mm)	263x156x40		263x156x40				258x225.5x49		
Net weight(Kg)	0.7		0.7				1.6		
ENVIRONMENT									
Environment of performance	Temperature 0℃~40℃, Humidity 20%~90%								
Noise level	Less than 40dB								