

# FSP084-10S2AC8

### **Features**

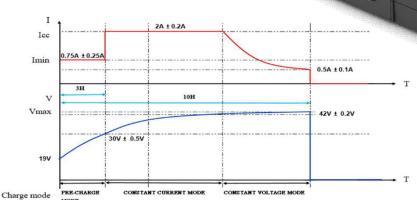
► Machine efficiency: ≥89%

► Weight: 900g

## **Applications**

E-Bike

#### Curve



## **Specifications**

DC Voltage	42V±0.2 A
Rated Current	2±0.2A
Rated Power	84W
LED Indicated	Red / Green
Voltage Range	198 ~ 264 Vac
Frequency Range	47 ~ 63Hz
Working Temperature	-10 ~ +40°C
Working Humidity	95%
Storage Temperature	-20 ~ +60°C
Insulation resistance	≥100MΩ@1000 Vdc
Protection against over-voltage	45V±1V
Protection against over-current	<u>≥</u> 2.4A
Protection against short circuit	Yes
Dimensions	150mm(L) × 64.8mm(W) × 36.1mm(H)
Safety	EN 60335-1
	EN 60335-2-29
	Rated Current Rated Power LED Indicated Voltage Range Frequency Range Working Temperature Working Humidity Storage Temperature Insulation resistance Protection against over-voltage Protection against short circuit Dimensions

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# FSP125-P02

充電器 Li-ion ランプの説明

### **Features**

► Machine efficiency: ≥90%

Battery 1/Bttery 2

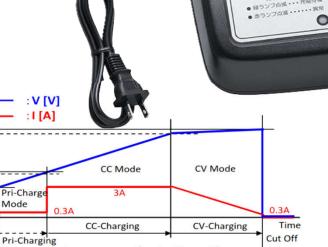
30V (29.8V 15V

► Weight: 900g

## **Applications**

E-Bike

#### Curve



Charging Timer: 6 hours

Timer: 135 minutes

## **Specifications**

	DC Voltage	41.7V
Output	Rated Current	3A
Output	Rated Power	125W
	LED Indicated	Red / Blue
Input	Voltage Range	90 ~ 110 Vac
iriput	Frequency Range	47 ~ 63Hz
	Working Temperature	-10 ~ +40°C
Environment	Working Humidity	95%
LIMIOIIIIEII	Storage Temperature	-20 ~ +60°C
	Insulation resistance	≥20MΩ@1000 Vdc
	Protection against over-voltage	46V±1V
Protection	Protection against over-current	≥3.7A
	Protection against short circuit	Yes
	Dimensions	220mm(L) × 180mm(W) × 64mm(H)
Others	Safety	EN 55014-1,55014-2
		EN 61000-3-2

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# FSP168-10S4AC8

### **Features**

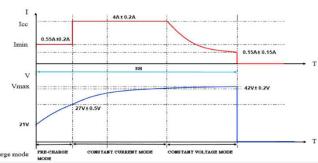
► Machine efficiency: ≥90%

► Weight: 560g

## **Applications**

E-Bike, E-Scooter

### Curve





## **Specifications**

	DO Vallana	10) ( : 0 0 4
Output	DC Voltage	42V±0.2 A
	Rated Current	4±0.2A
Output	Rated Power	168W
	LED Indicated	Red / Green
Input	Voltage Range	198Vac ~ 264 Vac
input	Frequency Range	47 ~ 63 Hz
	Working Temperature	-10 ~ +40°C
Environment	Working Humidity	95%
Limioiiiieiit	Storage Temperature	-20 ~ +60°C
	Insulation resistance	≥100MΩ@1000 Vdc
	Protection against over-voltage	45V±1V
Protection	Protection against over-current	<u>≥</u> 4.6A
	Protection against short circuit	Yes
	Dimensions	177mm(L) × 85.6mm(W) × 32.2mm(H)
Others	Safety	EN 60335-1
		EN 60335-2-29

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# **HP0240W**

### **Features**

► Efficiency ≥80%

Charging mode: CC+CVMachine weight: 1.2KG

## **Applications**

E-bike, E-scooter



## **Specifications**

Output	DC Voltage	54.6±0.3 V
	Rated Current	12±0.5 A
Output	Rated Power	750 W
	LED Indicated	Yes
Input	Voltage Range	100 ~ 240 Vac
IIIput	Frequency Range	50 ~ 60 Hz
	Working Temperature	0 ~ +40°C
Environment	Working Humidity	20 ~ 95%
	Storage Temperature	-20 ~ +80°C
	Protection against over-voltage	Yes
	Protection against over-current	Yes
Protection	Protection against short circuit	Yes
TTOLECTION	Timing Protection	Yes
	Reverse Protection	Yes
	Feedback Protection	Yes
	Dimensions	216mm(L) * 108mm(W) * 59mm(H)
Others	Safety	CE, cUL, TUV-GS, FCC, ROHS

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# **HP0420W**

### **Features**

► Efficiency ≥85%

► Charging mode: CC+CV► Machine weight: 2.1KG

## **Applications**

E-bike, E-scooter



## **Specifications**

Output	DC Voltage	54.6±0.3 V
	Rated Current	7±0.5 A
Output	Rated Power	420 W
	LED Indicated	Yes
Input	Voltage Range	100 ~ 240 Vac
πραι	Frequency Range	47 ~ 63 Hz
	Working Temperature	-10 ~ 40 ° C
Environment	Working Humidity	20 ~ 85% RH
	Storage Temperature	-20 ~ 80 °C
	Protection against over-voltage	Yes
	Protection against over-current	Yes
Protection	Protection against short circuit	Yes
TTOLECTION	Timing Protection	Yes
	Reverse Protection	Yes
	Feedback Protection	Yes
	Dimensions	240mm(L) * 160mm(W) * 80mm(H)
Others	Safety	CE, PSE, UL, cUL, FCC, ROHS

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# **HP0750W**

### **Features**

► Efficiency ≥85%

Charging mode: CC+CVMachine weight: 3.4KG

## **Applications**

E-bike, Garden Equipment



## **Specifications**

Output	DC Voltage	54.6±0.3 V
	Rated Current	12±0.5 A
Output	Rated Power	750 W
	LED Indicated	Yes
Input	Voltage Range	100 ~ 240 Vac
iliput	Frequency Range	50 ~ 60 Hz
	Working Temperature	0 ~ +40°C
Environment	Working Humidity	20 ~ 95%
	Storage Temperature	-20 ~ +80°C
	Protection against over-voltage	Yes
	Protection against over-current	Yes
Protection	Protection against short circuit	Yes
TTOLECTION	Timing Protection	Yes
	Reverse Protection	Yes
	Feedback Protection	Yes
	Dimensions	240mm(L) × 184mm(W) × 70mm(H)
Others	Safety	CE, LVD/EMC, ROHS

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# FSP103C-2Q01

### **Features**

► Machine efficiency: 96%

► IP67

► Battery reverse connection protection

▶ Water cooling

► Input 470Vac is not damaged

► MTBF: ≥300,000 H

## **Applications**

Applicable to pure electric / hybrid / extended range and other new energy vehicles.



## **Specifications**

	DC Voltage	200 ~ 450 Vdc
Output	Rated Current	0 ~ 30.5 A
	Rated Power	10 kW
Input	Voltage Range	304 ~ 456 Vac
iliput	Frequency Range	43 ~ 67Hz
	Working Temperature	-40 ~ +85°C
Environment	Working Humidity	95%
LIMIOIIIIEII	Storage Temperature	-40 ~ +105°C
	Insulation resistance	≥20MΩ@1000 Vdc
	Protection against over-voltage	Yes
Protection	Protection against over-current	Yes
	Protection against short circuit	Yes
	Dimensions	386mm(L) × 260mm(W) × 110mm(H)
	Safety	CE, RE, SURGE, EFT, ESD, CS, RS, DIP,
Others		Lightning protection, Voltage
Others		fluctuation and flicker, Current harmonic
		emission, Low temperature test, High
		temperature test, Vibration, Impact test

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# FSP203C-1Q01

### **Features**

- ► Machine efficiency: 95%
- ► IP67
- ► Battery reverse connection protection
- ▶ Temperature monitoring
- ► Water cooling
- ► Input 500Vac is not damaged

## **Applications**

Applicable to pure electric / hybrid / extended range and other new energy vehicles.



### **Specifications**

	DC Voltage	300 ~ 450 Vdc
Output	Rated Current	0 ~ 57.1 A
	Rated Power	20 kW
Input	Voltage Range	323 ~ 437 Vac
IIIput	Frequency Range	43 ~ 67Hz
	Working Temperature	-30 ~ +85°C
Environment	Working Humidity	5 ~ 95 %
Environment	Storage Temperature	-40 ~ +105°C
	Insulation resistance	≥50MΩ@1000 Vdc
	Protection against over-voltage	Yes
Protection	Protection against over-current	Yes
	Protection against short circuit	Yes
	Dimensions	466mm(L) × 325mm(W) × 155mm(H)
	Safety	ROHS, REACH
Others		

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# FSP203C-1Q02

#### **Features**

- ► Machine efficiency: 95%
- ► IP67
- ► Battery reverse connection protection
- ▶ Temperature monitoring
- ► Water cooling
- ► Input 500Vac is not damaged

## **Applications**

Applicable to pure electric / hybrid / extended range and other new energy vehicles.



### **Specifications**

	DC Voltage	440 ~ 740 Vdc
Output	Rated Current	0 ~ 36 A
	Rated Power	20 kW
Input	Voltage Range	323 ~ 437 Vac
πραι	Frequency Range	43 ~ 67Hz
	Working Temperature	-30 ~ +85°C
Environment	Working Humidity	5 ~ 95 %
Environment	Storage Temperature	-40 ~ +105°C
	Insulation resistance	≥50MΩ@1000 Vdc
	Protection against over-voltage	Yes
Protection	Protection against over-current	Yes
	Protection against short circuit	Yes
	Dimensions	466mm(L) × 325mm(W) × 155mm(H)
	Safety	ROHS, REACH
Others		

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# FSP500C-1Q01

### **Features**

► Machine efficiency: 94%

► IP67

► Convenction Cooling

► Input 318Vac is not damaged

► Operating temp.: -40 ~ +50°C

► MTBF: ≥ 100,000 H

## **Applications**

Applicable to pure electric / hybrid / extended range and other new energy vehicles.



## **Specifications**

	DC Voltage	24 ~ 50.4 Vdc
Output	Rated Current	0 ~ 10 A
	Rated Power	504 W
Input	Voltage Range	90 ~ 264 Vac
πραι	Frequency Range	43 ~ 67Hz
	Working Temperature	-10 ~ +50°C
Environment	Working Humidity	95%
LIMIOIIIIEII	Storage Temperature	-40 ~ +85°C
	Insulation resistance	≥10MΩ@500 Vdc
	Protection against over-voltage	Yes
Protection	Protection against over-current	Yes
	Protection against short circuit	Yes
	Dimensions	250mm(L) × 144mm(W) × 48.5mm(H)
	Safety	
Others		CE, RE, SURGE, EFT, ESD, CS, RS, DIP, Voltage fluctuation and flicker, Current harmonic emission, MTBF, ROHS, REACH

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# FSP3300C-2Q01

#### **Features**

Machine weight: 9KGMachine efficiency: 94%

► IP67

► Operating temp.: -40 ~ +60°C

► MTBF: ≥ 300,000 H

## **Applications**

Applicable to pure electric / hybrid / extended range and other new energy vehicles.



## **Specifications**

	DC Voltage	330 Vdc & 0~13.8 Vdc
Output	Rated Current	0 ~ 10 A & 0~4 A
	Rated Power	3.3 kW
Input	Voltage Range	85~265 Vac
iliput	Frequency Range	43 ~ 67Hz
	Working Temperature	-40 ~ +60°C
Environment	Working Humidity	95%
LIMIOIIIIEII	Storage Temperature	-40 ~ +105°C
	Insulation resistance	≥20MΩ@1000 Vdc
	Protection against over-voltage	Yes
Protection	Protection against over-current	Yes
	Protection against short circuit	Yes
	Dimensions	260mm(L) × 250.5mm(W) × 126mm(H)
Others	Safety	CE, RE, SURGE, EFT, ESD, CS, RS, DIP, Lightning protection, Voltage fluctuation and flicker, Current harmonic emission, Low temperature test, High temperature test, Vibration, Impact test

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# FSP6600C-2Q01

### **Features**

Machine weight: 9.5KGMachine efficiency: 95%

► IP67

▶ Water cooling

► Operating temperature: -40 ~ +85°C

► MTBF: ≥ 300,000 H

## **Applications**

Applicable to pure electric / hybrid / extended range and other new energy vehicles.



## **Specifications**

	DC Voltage	560 Vdc & 14 Vdc
Output	Rated Current	0 ~ 12 A & 0~7.5 A
	Rated Power	6.6 kW
Input	Voltage Range	85~265 Vac
πραι	Frequency Range	44 ~ 66Hz
	Working Temperature	-40 ~ +85°C
Environment	Working Humidity	95%
Liviloiiiieiit	Storage Temperature	-40 ~ +105°C
	Insulation resistance	≥20MΩ@1000 Vdc
	Protection against over-voltage	Yes
Protection	Protection against over-current	Yes
	Protection against short circuit	Yes
	Dimensions	360mm(L) × 294.5mm(W) × 100mm(H)
Others	Safety	CE, RE, SURGE, EFT, ESD, CS, RS, DIP, Lightning protection, Voltage fluctuation and flicker, Current harmonic emission, Low temperature test, High temperature test, Vibration, Impact test

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# UPC1500-4830AF

### **Features**

► Machine efficiency: 95%

► IP65

► Fan cooling

► Operating temperature: -40 ~ +85°C

► MTBF: ≥ 15,000 H

## **Applications**

Applicable to pure electric / hybrid / extended range and other new energy vehicles.



## **Specifications**

Output	DC Voltage	58.4 Vdc
	Rated Current	30 A
	Rated Power	1.5 kW
Input	Voltage Range	180~264 Vac
	Frequency Range	47 ~ 63Hz
Environment	Working Temperature	-10 ~ +40°C
	Working Humidity	95%
	Storage Temperature	-40 ~ +75°C
	Insulation resistance	≥10MΩ@500 Vdc
Protection	Protection against over-voltage	Yes
	Protection against over-current	Yes
	Protection against short circuit	Yes
Others	Dimensions	$294mm(L) \times 140.5mm(W) \times 90mm(H)$
	Safety	CE, RE, SURGE, EFT, ESD, CS, RS, DIP, Lightning protection, Voltage fluctuation and flicker, Current harmonic emission, Low temperature test, High temperature test, Vibration, Impact test

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# UPV1500-4830AF

### **Features**

► Machine efficiency: 95%

► IP65

► Fan cooling

► Operating temperature: -40 ~ +85°C

► MTBF: ≥ 15,000 H

## **Applications**

Applicable to pure electric / hybrid / extended range and other new energy vehicles.



## **Specifications**

Output	DC Voltage	58.4 Vdc
	Rated Current	30 A
	Rated Power	1.5 kW
Input	Voltage Range	180~264 Vac
	Frequency Range	47 ~ 63Hz
Environment	Working Temperature	-10 ~ +40°C
	Working Humidity	95%
	Storage Temperature	-40 ~ +75°C
	Insulation resistance	≥10MΩ@500 Vdc
Protection	Protection against over-voltage	Yes
	Protection against over-current	Yes
	Protection against short circuit	Yes
	Dimensions	300mm(L) × 185mm(W) × 112.8mm(H)
Others	Safety	CE, RE, SURGE, EFT, ESD, CS, RS, DIP, Lightning protection, Voltage fluctuation and flicker, Current harmonic emission, Low temperature test, High temperature test, Vibration, Impact test

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