

# **Changsha Fanli Edusupports Co., Limited**

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## DC Solar System Specification

Power	80W	150W	300W	800W	1200W
Part No.	0306020100	0306020110	0306020120	0306020130	0306020140
Input voltage	18V (from solar panel)	18V (from solar panel)	18V (from solar panel)	18V (from solar panel)	18V (from solar panel)
	&15V (From Adaptor)	&15V (From Adaptor)			
Output voltage	USB DC5V x 2, DC12V x 6	USB DC5V x 2, DC12V x 6	USB DC5V x 2, DC12V x 6	USBDC5V x 2, DC12V x 8	USBDC5V x 2, DC12V x 8
LED display	4 Battery Level LED Indicators	4 Battery Level LED Indicators	LCD Display	LCD Display	LCD Display
Built in battery type	Lead Acid battery	Lead Acid battery	Lead Acid battery	Lead Acid battery	Lead Acid battery
Battery Voltage&Capacity	12V/4.5-9AH	12V/10-18AH	12V/20-45AH	12V/80-120AH	12V/80-120AH
Built-In Solar Controller	PWM / MPPT(Customized)	PWM / MPPT(Customized)	PWM / MPPT(Customized)	PWM / MPPT(Customized)	PWM / MPPT(Customized)

Max Solar Charger Current	5A	5A	5A	5A	15A
Solar Panel Type	Poly Solar Panel	Poly Solar Panel	Poly Solar Panel	Poly Solar Panel	Poly Solar Panel
Poly Solar power	15W	30W	60W	60W	200W
Solar panel Current	0.83A	1.67A	3.33A	3.33A	11.11A
Length of Bulb Wire	5m	5m	5m	5m	5m
LED Bulb(E27)	3W	3W	3W	3W	3W
Shell Material	Iron	Iron	Iron	Iron	Iron
Operating Temperature	0°C-55°C	0°C-55°C	0°C-55°C	0°C-55°C	0°C-55°C
Storage Temperature	(-)-10°C-60°C	(-)-10°C-60°C	(-)-10°C-60°C	(-)-10°C-60°C	(-)-10°C-60°C
Maximum Work Temperature	≅ 60°C	≅ 60°C	≅ 60°C	≅ 60°C	≅ 60°C
Product Dimension(mm)	216*122*130	260x110x196mm	322x172x265mm	500x265x403mm	500x265x403mm
Package size(mm)	370*220*270	280*150*210	350*210*290	530x310x425	530*310*430mm
G.W/N.W	4kg/3.65kg(65AH)	7.7Kg(12AH)	16.25Kg(38AH)	44/42.1Kg(100AH)	48/46.1Kg(100AH)