

Model No. : ATC6K6-220D38014-A
 Product Name : 6.6KW On Board Charger Fan

Date	Jul. 7th, 2020	Version	V01	Remark	Model No. changed to ATC6K6-220D38014-A from AR6K6-220D380A-I
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6.6KW On Board Charger Fan

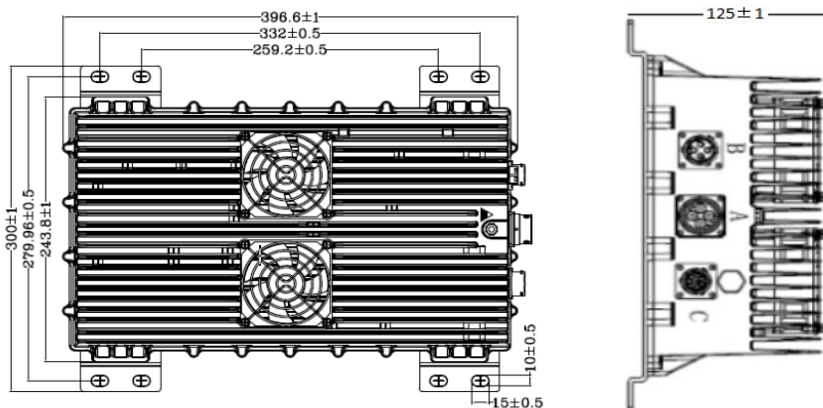
★ Features

- 1 Charging Standard: IEC
- 2 Output Power : 6.6KW
- 3 Input Voltage : 90-264VAC
- 4 Output Voltage : 200-450VDC
- 5 Dimensions : 396x244x126mm
- 6 Cooling System : Fan
- 7 Communication Method : CAN-BUS
- 8 Weight: ≤ 12 KG

Specification

Description	Technical specifications	Remark
Rated output power	6.6KW	
Input voltage range	90-264VAC	
Output voltage range	200-450VDC	
Maximum output current	20A	
Auxiliary power VCC	9-18VDC	VCC
Efficiency	$\geq 96\%$	Rated voltage
Voltage accuracy	$\pm 1\%$	
Current accuracy	$\pm 3\%$	
Wake up method	AC · CP/PP · EN	
Communication method	CAN-BUS	
Quiescent Current	≤ 2 mA	The battery current is consumed in the sleep/stop state.
Protection characteristics	Input over and under voltage, output over and under voltage, over temperature protection, over current protection, output short circuit protection, battery reverse connection protection, communication fault protection	
Electromagnetic compatibility characteristics	GB/T18387-2008 · EN 55022	
Operating temperature	-40-85°C	
Dimensions	396x244x126mm	
IP Rating	IP67 (except fan)	
Cooling System	Fan	
Weight	≤ 12 KG	

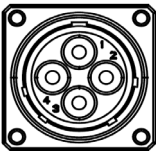
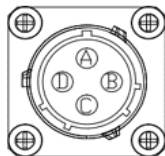
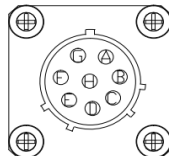
Structural parameters



Model No. : ATC6K6-220D38014-A
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Connector information

Position	Function	Receptacle model	Plug model	Maker
A	AC input	C10518N1-04-3-1 G001	C10518N1-04-1-2 G002	中航光电
B	DC output	RT00144PN03	RT06144SNHEC03	Amphenol
C	Signal socket	RT00128PN03	RT06128SNHEC03	Amphenol

Function	Model	Description		Picture
AC input(A)	C10518N1-04-3-1 G001	1	L (FireWire)	
		2	N (zero line)	
		3	PE (Protected Ground)	
		4	NC	
DC output(B)	RT00144PN03	A	Output positive	
		B	NC	
		C	Output negative	
		D	NC	
Signal socket(C)	RT00128PN03	A	CAN-H	
		B	CP	
		C	PP	
		D	Constant battery power (12V input)	
		E	OBC-EN (wake-up signal)	
		F	NC	
		G	CAN-L	
		H	GND	

Label


安仁國際股份有限公司
 ANNREN TECHNOLOGIES CO., LTD.

OBC


Product Model ATC6K6-220D38014-A
 Code: ATC6K6-220D38014-AR01
 Serial Number:

Input Voltage: 90~264VAC Output Voltage: 200~450VDC
 Output Current: 20A Output Power: 6.6KW

Package information

Carton size	396x244x126mm
Weight (KG)	12KG

