



On Board Charger(OBC) and Combo Series

Item	Part Name	Model Name	Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Output Current (A)	Efficiency	Size (mm)	Cooling System	Weight (Kg)	Certificate
1	6.6KW OBC	ATC6K6-220S380-M	6600	85-265	200~450	20	≥94%	279x172x58	N/A	4.5	GB/T
2		ATC6K6-220S540-M			400~650	14					
3		ATC6K6-220S640-M			450~750	12					
4		ATC6K6-220S380-A			200~450	20		324x211x119	Fan	9	
5		ATC6K6-220S540-A			400~650	14					
6		ATC6K6-220S640-A			450~750	12					
7		ATC6K6-220S380-W			200~450	20		326x211x83	Liquid	8	
8		ATC6K6-220S540-W			400~650	14					
9		ATC6K6-220S640-W			450~750	12					
10	11KW OBC	ATC11K-380S380-M	11000	3 phase 304~456 1 phase 175~265	200~450	32	≥94%	300x200x60	N/A	6.5	
11		ATC11K-380S540-M			400~650	23					
12		ATC11K-380S640-M			450~750	20					
13		ATC11K-380S380-W			200~450	32		369x238x98	Liquid	10.5	
14		ATC11K-380S540-W			400~650	23					
15		ATC11K-380S640-W			450~750	20					
16	13KW OBC	ATC13K-220S380-W	13000	85-265	200~450	40	≥94%	377x266x158	Liquid	16	
17		ATC13K-220S540-W			400~650	28					
18		ATC13K-220S640-W			450~750	24					
19	22KW OBC	ATC22K-380S380-W	22000	3 phase 304-456 1 phrase 175-265	200~450	64	≥94%	370x252x158	Liquid	20	
20		ATC22K-380S540-W			400~650	46					
21		ATC22K-380S640-W			450~750	40					
22	40KW OBC	ATC40K-380S380-W	40000	3 phrase 304~456 1 phrase 175~265	250~450	120	≥94%	448x380x160	Liquid	38	
23		ATC40K-380S540-W			400~650	85					
24		ATC40K-380S640-W			450~750	80					
25	C6.6KW+D2KW Bidirectional	ATD2KCB6K6-D14C380-W	OBC : 6600 DCDC : 2000	OBC : 85-265 DCDC : 250-450Vdc	OBC : 250-450 DCDC : 9~16	OBC : 20 DCDC : 180	≥94%	326x211x83	Liquid	9	
26	C6.6KW+D2.5KW Bidirectional	AT2K5D6K6B-270S400L	OBC : 6600 DCDC : 2500	OBC : 85~265 DCDC : 270~465Vdc	OBC : 270~465 DCDC : 9~16	OBC : 22 DCDC : 180	≥92%	279x202x68	Liquid	5.5	
27	C6.6KW+D2KW+PDU	AT3HD2KC6K6-D14C380-W	OBC : 6600 DCDC : 2000	OBC : 85~ 265 DCDC : 250~450Vdc	OBC : 250~450 DCDC : 9~16	OBC : 20 DCDC : 180	≥94%	326x211x180	Liquid	18	



Features:
GB/T, CE CERTIFICATE
Charging Standard:GB/T, IEC, SAE
Rated output power:11000W
Communication format:INTEL, MOTOROLA
Communication method:CAN BUS A/ B
CAN byte speed:250Kpps/500Kpps

Description	Specification					
Product name	11 KW OBC MODULE			11 KW OBC LIQUID COOLING		
Model No.	ATC11K-380S380-M	ATC11K-380S540-M	ATC11K-380S640-M	ATC11K-380S380-W	ATC11K-380S540-W	ATC11K-380S640-W
Input voltage range	Three phase 304~456VAC, Single phase 175~265VAC					
Output voltage range	200-450VDC	400~650VDC	450~750VDC	200-450VDC	400~650VDC	450~750VDC
Output current Max.	32A	23A	20A	32A	23A	20A
Low input voltage(VCC)	9-32VDC					
Efficiency	≥ 94%					
Voltage accuracy	± 1%					
Current accuracy	± 3%					
Wake up output	200mAmax (WAKE_UP signal)					
Wake up method	AC, CC/CP, CP/PP, EN (Hard wire enable)					
Communication method	CAN-BUS					
Quiescent Current	≤ 2mA					
Protection characteristics	Input over and under voltage, output over and under voltage, input anti-reverse connection, output over current and short circuit protection, over temperature protection					
EMC	GB/T 18655: 2008, EN 55022					
Operating temperature	-40~85 °C					
Dimensions	300x200x60mm			369x238x98mm		
Cooling method	Heat sink attached to bottom plate			Liquid , flow ≥ 8L/min		
Weight	≤ 6.5KG			≤ 10.5KG		