TORNADO

AC Monoblock WiFi

ELARABY Germany

ITEM Codes:	TPHAW-07ABG	TPYAB-09ABG	TPYAB-12ABG
Product Description			
 TPHAW-07ABG TPYAB-09ABG TPYAB-12ABG	Introducing: Tornado Portable AC 7000 BTU with wifi function and APP control : Your reliable cooling companion for any room. With R290 refrigerant and class A efficiency, it offers powerful cooling and is environmentally friendly at the same time. The device operates at 220-240V/50Hz and is suitable for various power grids. Experience efficient cooling with a sound power level of 65 dB, providing a comfortable environment without excessive noise.	The Tornado Portable AC 9000BTU including wifi function and APP control: your versatile cooling and heating solution for any environment. The unit cools and heats, is equipped with a heat pump and uses R290 refrigerant to ensure efficient performance. With a class A efficiency rating and compatibility with 220-240V/50Hz power supply systems, the unit is designed for optimum functionality. Enjoy comfortable temperatures with a sound power level of 64 dB, which ensures quiet operation.	The Tornado Portable AC 12000BTU including wifi function and APP control: your versatile cooling and heating solution for any environment. The unit cools and heats, is equipped with a heat pump and uses R290 refrigerant to ensure efficient performance. With a class A efficiency rating and compatibility with 220-240V/50Hz power supply systems, the unit is designed for optimum functionality. Enjoy comfortable temperatures with a sound power level of 64 dB, which ensures quiet operation. Corrective info : (65 db)
Product Data			
EAN Code	6221127462999	6221127463026	6221127463040
Warranty	2 Years	2 Years	2 Years
Product Dimension in Lengh	440	396	396
Product Dimension in Width	453	460	460
Product Dimension in High	665	865	865
Product Description			
Description	7000Btu, R290, cooling, A Class Energy Efficiency	9000Btu, R290, cooling&Heating, A Class Energy Efficiency	12000Btu, R290, cooling&Heating, A Class Energy Efficiency
Wifi option（TUYA)	YES	YES	YES
Power supply	220-240V/50Hz	220-240V/50Hz	220-240V/50Hz
Cooling Test Condition	35/24	35/24	35/24
Cooling Capacity(W)	2050	2640	3500
Cooling Input Power(W)	790	1015	1345
Cooling Input Current(A)	3,5	4,4	6
EER (W/W)	2.6(A)	2.6(A)	2.6(A)
Heat pump / Elecment	/	Heat pump	Heat pump
Heating Test Condition	/	20/12	20/12
Heating Capacity(W)	/	2560	3200
Heating Input Power(W)	/	750	1130
Heating Input Current(A)	/	3,3	5,1
COP (W/W)	/	3.4(A++)	2.8(A+)
Indoor air flow (Hi/Med/Lo) (m3/h)	400/290	390/280	390/280
Moisture Removal(L/h) Cooling	0,4	0,9	1,7
Sound Power(dB)	65	64	65
Sound pressure	53/50	51/48	53/51
Compressor type	Rotary	Rotary	Rotary
Compressor brand	Qing'an	RECHI	GMCC
Refrigerant type	R290	R290	R290
Charge (g)	140	215	205
Net weight (kg)	21,2	26,5	27,5
Body demension (mm)	388*356*630	358*419*688	358*419*688
Others			
Gross weight 3A package (kg)	24,3	30	31
Packing demension (mm) 3A	440*453*665	396*460*865	396*460*865
Loading Qty(20'/40'/40'HQ)	195/405/535	138/284/444	138/284/444
Certificate	CE	CE	CE

ELARABY Deutschland GmbH | Markt 9 / Aufgang B | 04109 Leipzig | www.elarabygroup.eu

TORNADO

AC - Split WIFI Inverter Conditioners

ELARABY Germany

ITEM Codes Indoor Unit:			TY-XW09BHG	TY-XW12BHG	TY-XW18BHG	TY-XW24BHG
ITEM Codes Outdoor Unit:			TE-X09BHG	TE-X12BHG	TE-X18BHG	TE-X24BHG
Product Description						
 Product Datas 			Introducing the Tornado AC 3000Watt Inverter with WiFi: Your smart and efficient cooling solution with 9000 BTU capacity. Featuring inverter technology and WiFi	Introducing the Tornado AC 3400 Watt WiFi Inverter: Your smart and powerful cooling solution with 12000 BTU capacity. Equipped with inverter technology and WiFi connectivity, it offers precise temperature control and convenient operation from anywhere using your smartphone. Experience superior comfort and energy efficiency with Tornado's innovative design.	Introducing the Tornado AC 5000 Watt Inverter with WiFi: Your smart and high-performance cooling solution with 18000 BTU capacity. With advanced inverter technology and WiFi connectivity, it offers efficient and powerful cooling while allowing you to control and monitor your AC remotely using your smartphone. Enjoy superior comfort and convenience with Tornado's innovative design.	Introducing the Tornado AC 7000 Watt Inverter with WiFi: Your smart and powerful cooling solution with 24000 BTU capacity. With advanced inverter technology and WiFi connectivity, it offers efficient and precise cooling while enabling remote control and monitoring via your smartphone. Enjoy superior comfort and convenience with Tornado's innovative design.
Recommended Sales Price (UVP) incl.VAT						
EAN Code Indoor Unit			6221127459975	6221127459982	6221127460032	6221127460049
EAN Code Outdoor Unit			6221127459951	6221127459968	6221127460018	6221127460025
Warranty			2 Years	2 Years	2 Years	2 Years
Product Dimension in Lengh Indoor Unit (mm)			325	315	372	390
Product Dimension in Lengh Outdoor Unit (mm)			310	310	328	385
Product Dimension in Width Indoor Unit (mm)			764	840	979	1096
Product Dimension in Width Outdoor Unit (mm)			765	765	835	890
Product Dimension in High Indoor Unit (mm)			257	260	277	297
Product Dimension in High Outdoor Unit (mm)			481	481	575	628
Net weight Indoor Unit (kg)			6,5	7,5	10	12
Net weight Outdoor Unit (kg)			19,5	20	24,5	31
Cooling & Heating function			YES	YES	YES	YES
Cooling & Heating Capacitier						
Control type			remote	remote	remote	remote
Rated cooling capacity			9000(2400~11500)	12000(3410~13000)	18000(4400~20000)	24000(5100~25600)
Rated cooling capacity		W	2640(700~3370)	3520(1000~3810)	5280(1300~5860)	7030(1500~7500)
Rated heating capacity		Btu/h	9500(2400~12500)	12500(3480~13500)	18500(4400~21500)	24500(5100~27000)
Rated heating capacity		W	2780(700~3660)	3660(1020~3960)	5420(1300~6300)	7180(1500~7900)
EER for cooling		W/W	3,21	3,21	3,21	3,21
Class in Cooling			A	A	A	A
COP for heating		W/W	3,61	3,61	3,61	3,61
Class in Heating			A	A	A	A
Moisture removal		Liters/h	1	1,2	1,8	2
Pressure		MPa	4,5	4,5	4,5	4,5
door noise level(S/H/M/L/Mu	Low(SP)	MPa	1,2	1,2	1,2	1,2
		dB(A)	40/38/34/28/26	40/38/34/28/26	44/41/36/30/28	47/45/42/37/34
Outdoor noise level		dB(A)	49	49	54	55
Electrical Data						
Power supply						
Voltage Range			187-265	187-265	187-265	187-265
Rated current		A	3.8(1.3~7.1)	5.1(1.4~8.0)	7.8(2.4~12.0)	10.4(3.0~14.0)
Rated input	Heating	A	3.6(1.3~7.1)	4.7(1.4~8.0)	7.1(2.4~12.0)	9.4(3.0~14.0)
	Cooling	W	820(200~1600)	1095(300~1800)	1645(420~2500)	2190(530~2800)
al energy consumption(co	Heating	W	770(200~1600)	1013(300~1800)	1500(420~2500)	1985(530~2700)
		kwh	410	548	823	1095
Max Current		A	7.1	8.0	12.0	14.0
Max Power input	Heating	A	7.1	8.0	12.0	14.0
	Cooling	W	1600	1800	2500	2800
Refrigerating&Fan System	Heating	W	1600	1800	2500	2700

Refrigerant/Charge						
Compressor			Rotary	Rotary	Rotary	Rotary
Expansion device	Model		KSK82D22UEZA31	KSK82D22UEZA31	GSD113RKQF6JV6B	C-1RZ140H3CBF
	Brand		GMCC	GMCC	HIGHLY	SANYO
			Capillary tube	Capillary tube	Capillary tube	Capillary tube
Indoor air circulation(Cooling/Heating)			460/500	500/550	800/800	1000/1000
Indoor fan motor			Cross flow 22001-000532	Cross flow 22001-000532	Cross flow 22001-000562	Cross flow 22001-000240
	Output	W	16	16	25	45
	Capacitor	uF	1,5	1,5	/	/
	Heating	rpm	1250/1150/1080/1000/920/820/750	1150/1080/1020/950/900/820/750	1300/1200/1100/1000/900/800/750	1300/1200/1100/1000/900/800/750
	Dry	rpm	750	800	870	870
	Sleep	rpm	750/820	800/820	870/800	870/800
Evaporator	e.Tube outside dia.and type	mm	Φ7 or Φ5,innergroove tube	Φ7 or Φ5,innergroove tube	Φ7 or Φ5,innergroove tube	Φ7 or Φ5,innergroove tube
	Output	W	25	25	33	33
	Capacitor	uF	2,0	2,0	/	/
	Speed	r/min	895	895	1000	1000
Condensor	e.Tube outside dia.and type	mm	Φ7 or Φ5,innergroove tube	Φ7 or Φ5,innergroove tube	Φ7 or Φ5,innergroove tube	Φ7 or Φ5,innergroove tube
Connections						
Connecting Pipe	Gas	mm	Φ9.52(3/8")	Φ9.52(3/8")	Φ9.52(3/8")	Φ12(1/2")
	Liquid	mm	Φ6(1/4")	Φ6(1/4")	Φ6(1/4")	Φ6(1/4")
Connecting Wiring	Core number x Size		4×1.0	4×1.0	4×0.75	4×0.75
Others						
Suitable area		m^2	9~16	15~23	20~35	27~45
Max. refrigerant pipe length		m	15	15	15	15
Max. difference in level		m	5	5	5	5
Operation temperature range		℃	16~31	16~31	16-31	16-31
Ambient temperature range	Outdoor	℃	Cooling:0-53/ Heating:-15-30	Cooling:0-53/ Heating:-15-30	Cooling:0-53/ Heating:-15-30	Cooling:0-53/ Heating:-15-30
	Indoor	℃	Cooling: 17-32/ Heating:0-30	Cooling: 17-32/ Heating:0-30	Cooling: 17-32/ Heating:0-30	Cooling: 17-32/ Heating:0-30
Net dimensions (W x D x H)	Indoor	mm	698×255×190	777×250×201	910×294×206	1010×315×220
	Outdoor	mm	712×276×459	712×276×459	795×305×549	853×349×602
Net weight	Indoor	kg	6,5	7,5	10	12
	Outdoor	kg	19,5	20	24,5	31
Packing dimensions (W x D x H)	Indoor	mm	764×325×257	840×315×260	979×372×277	1096×390×297
	Outdoor(w/o pipe)	mm	765×310×481	765×310×481	835×328×575	890×385×628
	Outdoor(w/i pipe)	mm	775×325×530	775×325×530	835×340×585	890×385×628
Gross weight	Indoor	kg	8,5	9,5	13	14,5
	Outdoor(w/o pipe)	kg	21	21,5	27,5	33,5
	Outdoor(w/i pipe)	kg	22	22,5	29	35
Loading Capacity w/i pipe	20'/40'GP/40'HQ		336	320	248	196
Certificate			CE	CE	CE	CE

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AC - Split Inverter Conditioners

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ITEM Codes Indoor Unit:			TY-X09BHG	TY-X12BHG	TY-X18BHG	TY-X24BHG
ITEM Codes Outdoor Unit:			TE-X09BHG	TE-X12BHG	TE-X18BHG	TE-X24BHG
Product Description						
 			Introducing the TORNADO AC 3000 Watt Inverter: your efficient cooling solution with 9000 BTU capacity. With inverter technology, it optimizes energy usage for maximum efficiency. Experience reliable and powerful cooling performance with TORNADO's innovative design.	Introducing the TORNADO AC 3400 Watt Inverter: your powerful cooling solution with 12000 BTU capacity. Equipped with inverter technology, it ensures efficient and reliable cooling performance for your space. Experience superior comfort and energy savings with TORNADO's innovative design	Introducing the Tornado AC 5000 Watt Inverter: Your high-performance cooling solution with 18000 BTU capacity. Featuring advanced inverter technology, it delivers efficient and powerful cooling for larger spaces. Enjoy superior comfort and energy savings with Tornado's innovative design. Corrective info : (5140 W)	Introducing the Tornado AC 7000 Watt Inverter: Your ultimate cooling solution with 24000 BTU capacity. Featuring advanced inverter technology, it ensures efficient and powerful cooling for larger spaces. Enjoy superior comfort and energy savings with Tornado's innovative design. Corrective info : (7040 W)
Product Datas						
Recommended Sales Price (UVP) Inc VAT			399,00 €	499,00 €	759,00 €	999,00 €
EAN Code Indoor Unit			6221127459937	6221127459944	6221127459999	6221127460001
EAN Code Outdoor Unit			6221127459951	6221127459968	6221127460018	6221127460025
Warranty			2 Years	2 Years	2 Years	2 Years
Product Dimension in Lengh Indoor Unit (mm)			325	315	372	390
Product Dimension in Lengh Outdoor Unit (mm)			310	310	328	385
Product Dimension in Width Indoor Unit (mm)			764	840	979	1096
Product Dimension in Width Outdoor Unit (mm)			765	765	835	890
Product Dimension in High Indoor Unit (mm)			257	260	277	297
Product Dimension in High Outdoor Unit (mm)			481	481	575	628
Net weight Indoor Unit (kg)			6,5	7,5	10	12
Net weight Outdoor Unit (kg)			19,5	20	24,5	31
Cooling & Heating Capacities						
Type			heating pump	heating pump	heating pump	heating pump
Control type			remote	remote	remote	remote
Rated cooling capacity		Btu/h	9000(2400~11500)	12000(3410~13000)	18000(4400~20000)	24000(5100~25600)
Rated cooling capacity		W	2640(700~3370)	3520(1000~3810)	5280(1300~5860)	7030(1500~7500)
Rated heating capacity		Btu/h	9500(2400~12500)	12500(3480~13500)	18500(4400~21500)	24500(5100~27000)
Rated heating capacity		W	2780(700~3660)	3660(1020~3960)	5420(1300~6300)	7180(1500~7900)
EER for cooling		W/W	3,21	3,21	3,21	3,21
Class in Cooling			A	A	A	A
COP for heating		W/W	3,61	3,61	3,61	3,61
Class in Heating			A	A	A	A
Moisture removal		Liters/h	1,0	1,2	1,8	2,0
Pressure	High(DP)	MPa	4,5	4,5	4,5	4,5
	Low(SP)	MPa	1,2	1,2	1,2	1,2
Indoor noise level(S/H/M/L/Mute)		dB(A)	40/38/34/28/26	40/38/34/28/26	44/41/36/30/28	47/45/42/37/34
Outdoor noise level		dB(A)	49	49	54	55
Electrical Data						
Power supply			220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P
Voltage Range		V	187-265	187-265	187-265	187-265
Rated current	Cooling	A	3.8(1.3~7.1)	5.1(1.4~8.0)	7.8(2.4~12.0)	10.4(3.0~14.0)
	Heating	A	3.6(1.3~7.1)	4.7(1.4~8.0)	7.1(2.4~12.0)	9.4(3.0~14.0)
Rated input	Cooling	W	820(200~1600)	1095(300~1800)	1645(420~2500)	2190(530~2800)
	Heating	W	770(200~1600)	1013(300~1800)	1500(420~2500)	1985(530~2700)
Annual energy consumption(cooling)		kwh	410	548	823	1095
Max Current	Cooling	A	7.1	8.0	12.0	14.0
	Heating	A	7.1	8.0	12.0	14.0
Max Power input	Cooling	W	1600	1800	2500	2800
	Heating	W	1600	1800	2500	2700

Refrigerating&Fan System						
Refrigerant/Charge		kg	R32/0.400	R32/0.460	R32/0.670	R32/1.040
Compressor	Type		Rotary	Rotary	Rotary	Rotary
	Model		KSK82D22UEZA31	KSK82D22UEZA31	GSD113RKQF6JV6B	C-1RZ140H3CBF
	Brand		GMCC	GMCC	HIGHLY	SANYO
Expansion device			Capillary tube	Capillary tube	Capillary tube	Capillary tube
Indoor air circulation(Cooling/Heating)		m^3/h	460/500	500/550	800/800	1000/1000
Indoor fan motor	type		Cross flow 22001-000532	Cross flow 22001-000532	Cross flow 22001-000562	Cross flow 22001-000240
	Output	W	16	16	25	45
	Capacitor	uF	1,5	1,5	/	/
Indoor fan speed H/M/L	Cooling	rpm	1250/1150/1050/950/850/750/600	1280/1200/1100/1000/900/800/700	1400/1260/1150/1050/960/870/800	1400/1260/1150/1050/960/870/800
	Heating	rpm	1250/1150/1080/1000/920/820/750	1150/1080/1020/950/900/820/750	1300/1200/1100/1000/900/800/750	1300/1200/1100/1000/900/800/750
	Dry	rpm	750	800	870	870
	Sleep	rpm	750/820	800/820	870/800	870/800
Evaporator	e.Tube outside dia.and type	mm	Φ7 or Φ5,innergroove tube	Φ7 or Φ5,innergroove tube	Φ7 or Φ5,innergroove tube	Φ7 or Φ5,innergroove tube
	Output	W	25	25	33	33
	Capacitor	uF	2,0	2,0	/	/
	Speed	r/min	895	895	1000	1000
Condensor	e.Tube outside dia.and type	mm	Φ7 or Φ5,innergroove tube	Φ7 or Φ5,innergroove tube	Φ7 or Φ5,innergroove tube	Φ7 or Φ5,innergroove tube
Connections						
Connecting Pipe	Gas	mm	Φ9.52(3/8")	Φ9.52(3/8")	Φ9.52(3/8")	Φ12(1/2")
	Liquid	mm	Φ6(1/4")	Φ6(1/4")	Φ6(1/4")	Φ6(1/4")
Connecting Wiring	Core number x Size		4×1.0	4×1.0	4×0.75	4×0.75
Others						
Suitable area		m^2	9~16	15~23	20~35	27~45
Max. refrigerant pipe length		m	15	15	15	15
Max. difference in level		m	5	5	5	5
Operation temperature range		℃	16~31	16~31	16-31	16-31
Ambient temperature range	Outdoor	℃	Cooling:0-53/ Heating:-15-30	Cooling:0-53/ Heating:-15-30	Cooling:0-53/ Heating:-15-30	Cooling:0-53/ Heating:-15-30
	Indoor	℃	Cooling:17-32/ Heating:0-30	Cooling:17-32/ Heating:0-30	Cooling:17-32/ Heating:0-30	Cooling:17-32/ Heating:0-30
Net dimensions (W x D x H)	Indoor	mm	698×255×190	777×250×201	910×294×206	1010×315×220
	Outdoor	mm	712×276×459	712×276×459	795×305×549	853×349×602
Net weight	Indoor	kg	6,5	7,5	10	12
	Outdoor	kg	19,5	20	24,5	31
Packing dimensions (W x D x H)	Indoor	mm	764×325×257	840×315×260	979×372×277	1096×390×297
	Outdoor(w/o pipe)	mm	765×310×481	765×310×481	835×328×575	890×385×628
	Outdoor(w/i pipe)	mm	775×325×530	775×325×530	835×340×585	890×385×628
Gross weight	Indoor	kg	8,5	9,5	13	14,5
	Outdoor(w/o pipe)	kg	21	21,5	27,5	33,5
	Outdoor(w/i pipe)	kg	22	22,5	29	35
Loading Capacity w/i pipe	20'/40'GP/40'HQ		336	320	248	196
Certificate			CE	CE	CE	CE

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