

TORNADO**AC Monoblock WiFi****ELARABY**
Germany

ITEM Codes:		TPHAW-07ABG	TPYAB-09ABG	TPYAB-12ABG
 TPHAW-07ABG  TPYAB-09ABG TPYAB-12ABG		Product Description		
		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 Length Indoor Unit (mm)

325

315

372

390

Product Dimension in Length 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 Height Indoor Unit (mm)

257

260

277

297

Product Dimension in Height 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 Capacities

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

Indoor noise level(S/H/M/L/ML)

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)

Annual 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:15-32	Cooling:0-53/ Heating:15-32	Cooling:0-53/ Heating:15-32	Cooling:0-53/ Heating:15-32
	Indoor	℃	Cooling:0-30 Heating:0-30	Cooling:0-30 Heating:0-30	Cooling:0-30 Heating:0-30	Cooling:0-30 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
ELARABY Deutschland GmbH Markt 9 / Aufgang B 04109 Leipzig www.elarabygroup.eu						

TORNADO

AC - Split Inverter Conditioners

ELARABY
Germany

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)		m³/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		m²	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
ELARABY Deutschland GmbH Markt 9 / Aufgang B 04109 Leipzig www.elarabygroup.eu						