

Air conditioner systems Kit

Type:Combination type/Split type



Input Volt	12v/24v, 48v 60v 72v 96v 144v 220v 360v,540v,800v
evaporator	V5/404/106
condenser	T038 TR102
range of rotation(r/min)	1600-3800w
Rated input power	650w-1.2kw
Rated cooling capacity	1.5kw-3kw

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Type: Combination type/Split type



Model型号	BEU-404-000/ 100- FS.L12/24.HID.01
Rated Voltage (V)额定电压	12V/24V DC
Current (A)额定电流	33A-66A
Rated Power (W)额定功率	792W
Rated Cooling Capacity (W)制冷量	1800-2000W
Refrigerant制冷剂	R134A
Refrigerant Oil冷冻油	POE68
Charging Quantity of Refrigerant (g) 冷媒加注量	600g
Power Cord Specification (mm2) 电源线	3 meters (8mm ²)
Type of heating and cooling冷暖类型	Cooling only / Cooling & heating optional 单冷/冷暖可选

Type: Parking frequency conversion type



驻车变频电动空调系列

- 快速制冷
- 遥控操作
- 低压保护
- 外观美观



安装可顶可背



多种颜色可选



超薄机身
厚度仅13厘米

用电不用油
一键舒适直达

产品参数

产品名称	立式超薄	制冷量	800W-2400W
尺寸	高580长430宽130	功率	300W-1200W
适用电压	12V/24V	电流	30A-50A
重量	20KG	制冷剂	R134A/500G

空调可选用内机



默认选择(G401)



530无刷静音款



G777贯流静音款

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重量	20KG	制冷剂	R134A/500G

Type: Top mounted type



新品发布 全新升级

艺术颜值，动感外观



全轴变频可选

顶置一体变频空调系列



豪华内饰

- 12V/24V轻卡货车专用
- 48V-72V/电动车，新能源专用

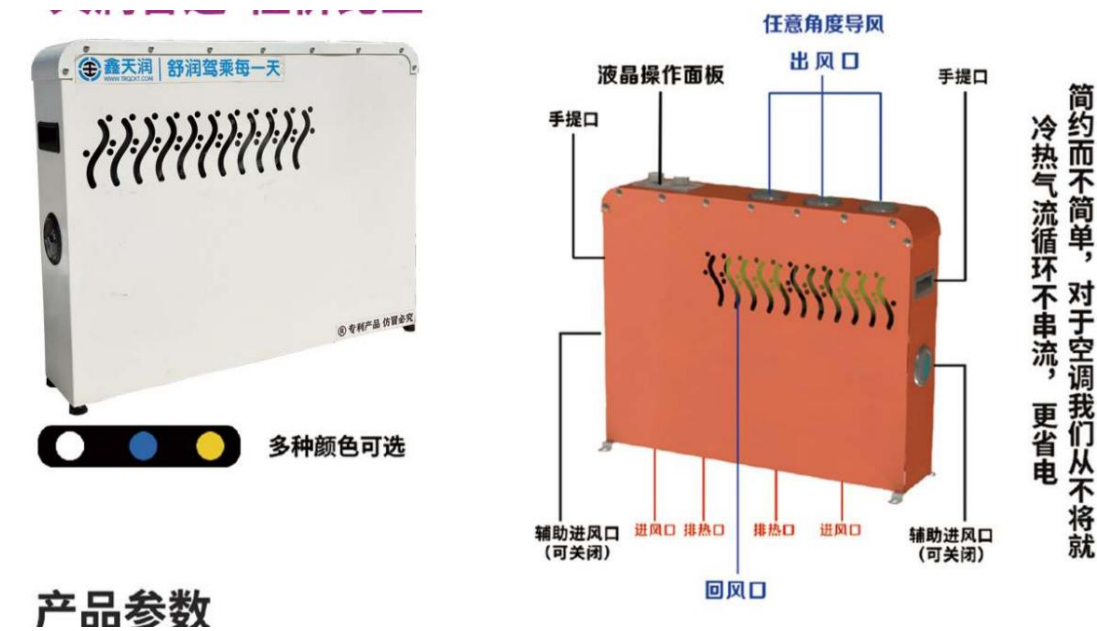


全新流线设计,有效降低风阻
超薄机身,厚度仅159毫米

2、Basic product parameters

Model	TRDZH01/ TRDZH02
Arrangement structure	Overhead type
Enter the rated voltage (v)	12/24 (single cooling type) 48/60/72 (cold and warm type)
Rated voltage of compressor motor	(12-72)VDC (high voltage can be customized)
Operating voltage of compressor motor	12V-72V (optional)

Type: Handheld/Portable/Mobile type



产品名称	领渡者	电压选择	12/24/36/ (48/60/72通用) 96/114/144/220 V
主机尺寸	500*650*130	功率	300W-600W
重量	15KG	产品类型选择	空调单独制冷/空调冷暖一体

Electric scroll compressor



12V electric scroll compressor

- 1) Working environment temperature range: $-30^{\circ}\text{C} \sim 65^{\circ}\text{C}$;
- 2) Power supply:
 - 1 -> working voltage range: 10.5-18VDC;
 - 2-> rated input voltage: 12VDC;
 - 3-> rated speed: 2400r/min;
 - 3-> rated input power: 550W;
- 3) Motor parameters:
 - 1->Motor type: DC brushless sensorless motor, 8 poles;
 - 2-> rated voltage: 12VDC;
 - 3-> rated power: 550W;
 - 4-> rated speed: 2400RPM;
- 4) Compressor parameters:
 - 1-> Displacement: 25cc/rev;
 - 2-> Size: 203X130X191mm;
 - 3->refrigerant: R134a;
 - 4-> frozen oil: RL68H ($120 \pm 10\text{ml}$);
 - 5-> cooling capacity: 1400W;
 - 6->COP: 2.6. (Exhaust pressure 1.35MPa, suction pressure 0.28MPa)
- 5) Drive controller parameters:
 - 1-> rated input voltage: 12VDC;
 - 2-> maximum input voltage 18VDC;
 - 3-> rated input power: 550W;
 - 4-> rated current: 45.8A;



24v electric scroll compressor

4.1.2 电动机 electric motor

电机类型 motor type		永磁无刷直流电机 Permanent magnet BLDCM
极数 Pole number		8
定子绕组接法 Stator winding connection		三相 Y 形
基本项目 Basis item	额定电压 rate volt rotation speed	24VDC
	工作电压范围 working volt range	19.5~32VDC
	额定输入功率 rated input power	850W
	额定转速 rated	3000rpm
性能 performance	耐电压 Withstand voltage	通 500VAC, 1 分钟后无异常 connect 500VAC, no abnormality after 1 minute
	绝缘特性 Insulation characteristics	通 250VAC, 绝缘电阻>50MΩ (20℃时) connect 250VAC, insulation resistance > 50m Ω (at 20 ℃)

**TRES28-D● UP● (48● 60 ●72 ●96 ●114●320●336●384)**

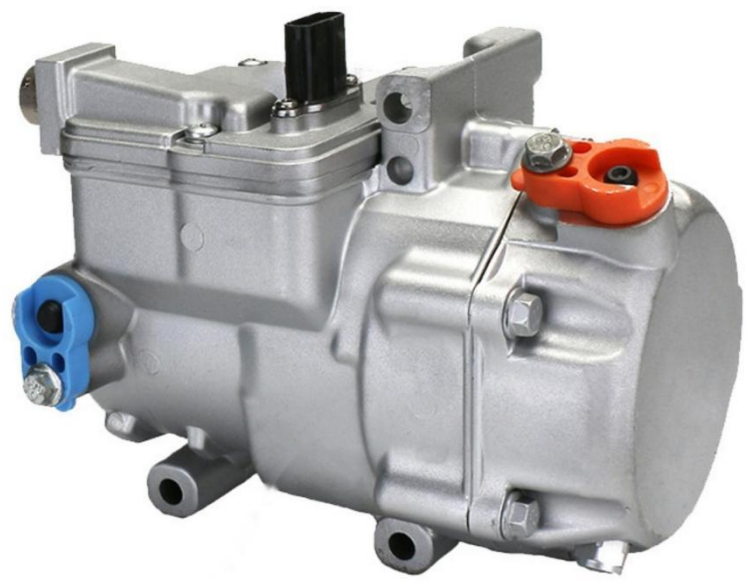
Compressor form	Horizontal DC permanent magnet speed regulation semi-sealed scroll type compressor	Motor type	Without Hall Brushless DC Motor
Use refrigerant	R134a	Voltage level(DC)	DC48/60/72/96/114/320/336/384V
Compressor displacement	28 CC/R	Compressors protection Degree	IP56
Lubricating oil / filling volume	RL68H/120±10ml	Insulation class	Folass
Total mass (oil)	6.9kg	Insulation resistance	20MΩ
Inlet Diameter of mouth / seal	Ø18.3/ O type Ring radial seal	Insulation voltage resistance	1000 V/60S
Outlet diameter / seal	Ø15.5/ O type Ring radial seal	Residual moisture	600 mg
Compressor drives	Separate type	Dust content	40 mg
Rated input power	1000 W	Rated cooling capacity	2920 W
Rated speed	3000 rpm	Rotating speed range	1400-3000 rpm



700v/800v electric scroll compressor

2. Basic parameters of motor

Motor type		Permanent magnet brushless DC Motor (BLDC)
number of pole-pairs		4
The stator winding method		Three-phase Y-shaped
essential parameter	rated voltage	700VDC
	Operating voltage range	540V~800V
	Rated input power	900W
	rated speed	3000rpm
performance parameter	withstand voltage	<10mA @ AC1800V, 1S
	Insulation characteristics	On 500VAC, insulation resistance> 50 MΩ (at 25℃)



主要技术参数 Main Technical Parameters				
型号 Model	ES2-14	PD(H)2-18	PD(H)2-28	PD(H)2-34
排量 Displacement(ml/r)	14CC	18CC	28CC	34CC
尺寸 Dimension(mm)	171.8*121.7*155.2	185.9*121.7*155.2	203.5*121.7*155.2	215.0*121.7*155.2
制冷剂 Refrigerant	R134a/R404a/ R1234yf/R407c	R134a/R404a/ R1234yf/R407c	R134a/R404a/ R1234yf/R407c	R134a/R404a/ R1234yf/R407c
转速范围 Speed range(rpm)	1200-6000	1200-6000	1200-6000	1200-6000
重量 Net mass(kg)	4.3	4.8	5.3	5.8



甩线式
Flying Lead Type



甩线式
Flying Lead Type



固定插座式
Fixed Socket Type



补气增焓压缩机
Enthalpy-enhancing compressor