

ACDC Solar Low ambient temperature air conditioner			
Model	Unit		NOQQ 18K
	Indoor unit		NO1-ACDC-18K
	Outdoor unit		NOLC1-ACDC-18K
Power supply (A CDC)	Power AC	Ph-V-Hz	208V-240V/50-60HZ
	Power DC, PV, series connection	Voc	80-380V
		Isc	<=12A
Rated Cooling	Capacity(35°C)	W	5000(1230-5500)
		BTU	15300(4200-18700)
	Power input(35°C)	W	1220(210-1580)
	EER (35°C)	(W/W)/(BTU/W)	4.10/14.00
	SEER(EN14825:2018)	W/W	7.51 A++
Heating	Capacity(7°C)	W	5200(1200-5600)
		BTU	17700(4100-19100)
	Power input(7°C)	W	1200(220-1720)
	COP (7°C)	(W/W)/(BTU/W)	4.33/14.78
	Capacity(-10°C)	W	5000(1200-5500)
		BTU	17000(4100-18700)
	Power input(-10°C)	W	1950(220-2430)
	COP (-10°C)	(W/W)/(BTU/W)	2.56/8.75
	Capacity(-22°C)	W	4400(1200-4600)
		BTU	15000(4100-15700)
	Power input(-22°C)	W	2100(220-2400)
	COP (-22°C)	(W/W)/(BTU/W)	2.09/7.15
	SCOP(Average)	W/W	4.21 A++
SCOP(Colder)	W/W	3.41 A	
Max Power Input		W	2670
Dehumidification capacity		L/h	1.7
Compressor	Model	/	EKPN150D30UFZ
	Type	/	2xROTARY
	Brand	/	GMCC
	Capacity	W	4475
	Thermal protector	/	NO
	Thermal protector position	/	INTERNAL
	Capacitor	uF	NO
	Refrigerant oil/oil charge	ml	ESTER OIL / 450
Indoor fan motor	Model	/	ZWR45-C51
	Output	W	45
	Brand	/	KAIBANG
	Capacitor	uF	--
	Speed	r/min	1150/1050/950/850
Indoor coil	a.Number of rows	/	2
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37
	c.Fin spacing	mm	1.3
	d.Fin type (code)	/	Hydrophilic aluminium
	e.Tube outside dia.and type	mm	Φ7, innergroove tube
	f.Coil length x height x width	mm	880x380x26.74
	g.Number of circuits	/	5
Outdoor air flow		m ³ /h	920
Indoor noise level (Turbo)		dB(A)	46
Indoor unit	Dimension(WxHxD)	mm	1080x330x237
	Packing (WxHxD)	mm	1140x300x382
	Net weight/Gross weight	Kg	15.0/17.5

Outdoor fan motor	Model	/	ZWB278L56A
	Brand	/	WOLONG
	Input	W	75
	Capacitor	uF	NO
	Speed	r/min	850
Outdoor coil	a.Number of rows	/	2
	b.Tube pitch(a)x row pitch(b)	mm	21x22
	c.Fin spacing	mm	1.5
	d.Fin type (code)	/	Hydrophilic aluminium
	e.Tube outside dia.and type	mm	Φ7,innergroove tube
	f.Coil length x height x width	mm	855x660x44
	g.Number of circuits	/	5
Outdoor air flow		m ³ /h	3000
Outdoor noise level		dB(A)	≤55
Outdoor unit	Dimension(W×H×D)	mm	900×700×337
	Packing (W×H×D)	mm	1006×755×418
	Net/Gross weight	Kg	44.5/49.0
Refrigerant type and charge volume		g	R32(1050)
Max Design pressure (Discharge/Suction)		MPa	4.3/1.5
Refrigerant piping	Gas side/Liquid side (inch)	inch	1/2 1/4
	Max. refrigerant pipe length	m	15
	Max. difference in level	m	8