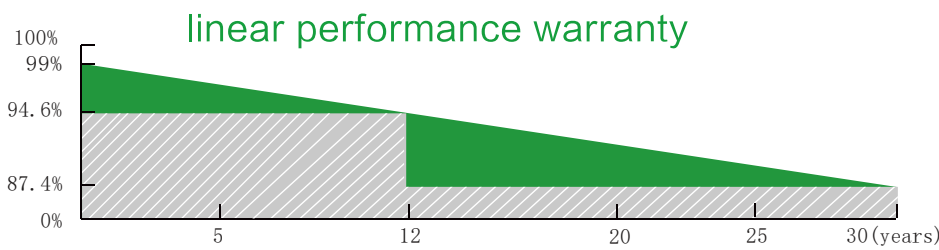
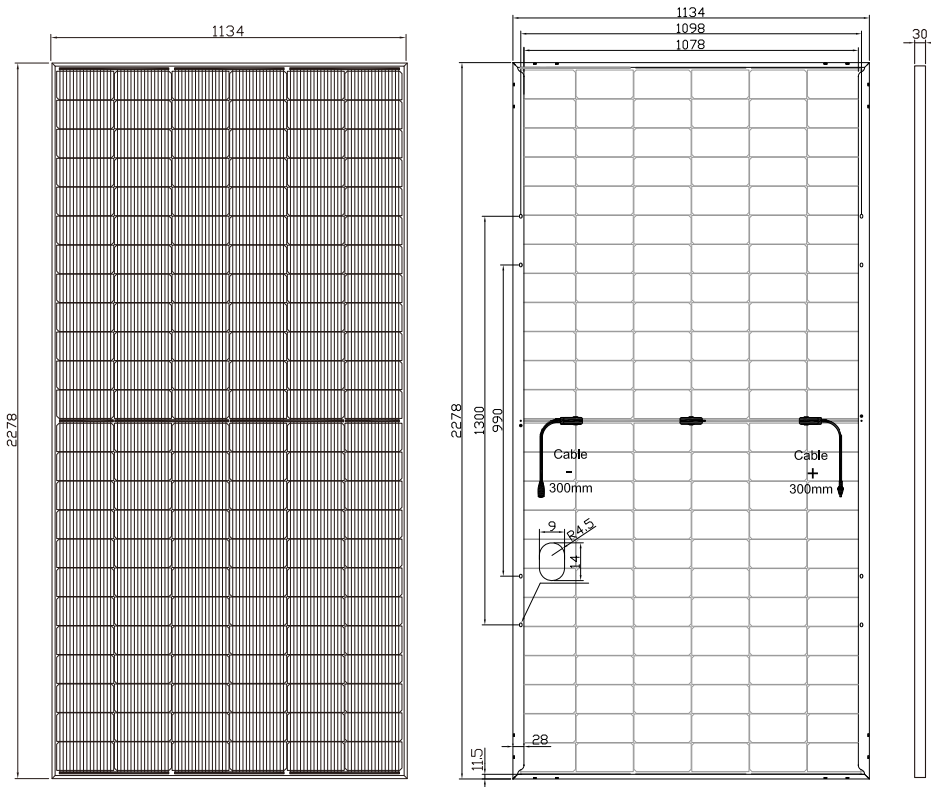


N-type CO-580W-BF

BIFACIAL MODULE WITH DUAL GLASS



12 Years
Material & Craft
Quality
assurance

30 Years
87.4% output
Power
guarantee



ISO9001
ISO14001
OHSAS18001



High Module Efficiency



Mechanical Load
Capability up to 5400 Pa



Salt Mist Corrosion Protect
Ammonia Resistance



Potential Induced
Degradation Free



Electrical Characteristics

	TYPE	CO-580W-BF
	POWER OUTPUT	580
STC 1000W/M ²	MAX POWER TOLERANCE	0-5W
	MODULE EFFICIENCY(%)	22.4
Temperature 25°C A.M.1.5	VOLTAGE MPP Vmpp(V)	42.87
	CURRENT MPP Impp (A)	13.53
	VOLTAGE OPEN CIRCUIT Voc (V)	51.43
	SHORT CIRCUIT CURRENT Isc(A)	14.30
NOCT 800W/M ² Environmen Temperatur 20°C A.M.1.5	POWER OUTPUT	440.8
	VOLTAGE MPP Vmpp(V)	39.25
	CURRENT MPP Impp (A)	11.23
	VOLTAGE OPEN CIRCUIT Voc (V)	47.81
Different rear side power gain	Pmax Gain	Pmpp
	5%	609W
	10%	638W
	15%	667W
	20%	696W
TEMPERATURE COEFFICIENTS Isc (%/°C)		0.045
TEMPERATURE COEFFICIENTS Voc (%/°C)		-0.250
TEMPERATURE COEFFICIENTS Pmpp (%/°C)		-0.290
NMOT (°C)		43±3°C

Mechanical Data

DIMENSIONS OF MODULE	2278*1134*30 mm
WEIGHT(Kg)	32.0
CABLE	4mm ²
Front & Back Glass	2.0mm-2.0mm
JUNCTION BOX	IP68, 3 Bypass-Diode, 300mm in length
TYPE OF CONNECTOR	Compatible with MC 4 plug

Packaging Configuration

Loading Capacity	180 pcs/20GP
	740 pcs/40HC

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Working Conditions

MAX SYSTEM VOLTAGE	1500V
SERIES FUSE RATING	30A
MECHANICAL LOAD	5400Pa
OPERATING TEMPERATURE (°C)	-40~ +85
APPLICATION CLASS	A

I-V CURVES

