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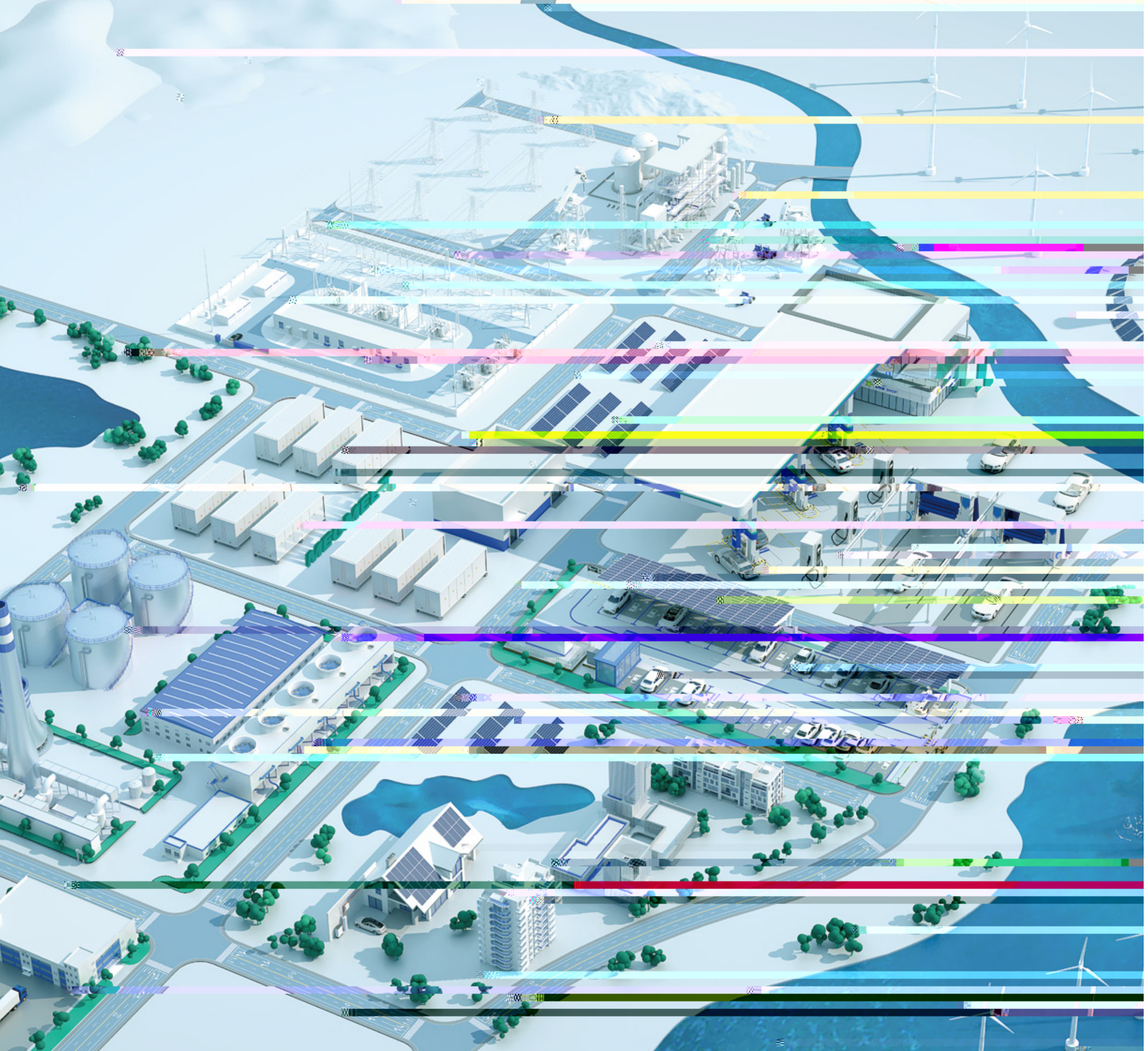

01
03
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09
11

13 MIPC1000-80T
15 MPS10020KT-C
17 MPS20020KT-C
19 MIPC1000-100
21 MIPC1000-100C2
23 MIPC1000-160L
25 MIPC1000-135C1

27 CU
28 CU
29 P C

30 kW

	323~456 VAC
	380 VAC
	50 Hz
	≥ 0.99
	3W + N + PE
	30 kW
	150~1000 VDC
	300~1000 VDC
	≤ ±0.5%
	≤ ±1%
	≥ 94%
	≤ 65 dB
	-20 °C ~ +55 °C
	-40 °C ~ +75 °C
	5~95%
	≤ 2000 m 2000 m
	CAN
(W x H x D)	700 x 650 x 243 (mm)
IP	IP54
	5 m
	7

120 kW

	323~456 VAC
	380 VAC
	50 Hz
	≥ 0.99
	3W + N + PE
	120 kW
	150~1000 VDC
	300~1000 VDC
	≤ ±0.5%
	≤ ±1%
	≥ 94%
	≤ 65 dB
	-20 °C ~ +55 °C
	-40 °C ~ +75 °C
	5~95%
	≤ 2000 m 2000 m
	CAN
(W x H x D)	700 x 1700 x 460 (mm)
IP	IP54
	5 m
	7

240 kW

	323~456 VAC
	380 VAC
	50 Hz
	≥ 0.99
	3W + N + PE
	600 kW
	150~1000 VDC
	300~1000 VDC
	250 A 600 A
( )	12 (10 2)
	≥ 94%
	≤ 65 dB
	-20 °C ~ +55 °C
	-40 °C ~ +75 °C
	5~95%
	≤ 2000 m 2000 m
	CAN
	4G / WIFI
	2 1
IP	IP55
	5 m / 3.5 m

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IP54

/

OTA

	323~456 VAC (285~475 VAC ( )
	38 A
	50 Hz / 60 Hz ±5%
	0.99 @ full load; 0.98 @ half load
	5% @ half load~full load @ 380 VAC
	UP to 95.7%
	20 kW
	200~1000 V
	250~1000 V
	≤ 80 A
	≤ ±5%
	≤ ±0.5%
	≤ ±1% (20%~100%)
	≤ ±0.5%
	CAN
	31
	-- -- --
	-40 ~ +75
	-40 ~ +75
	5~95%
	≤ 4000 m ⩽ 2000 m , 2000 m 100 m 1
	300, 000
	4.2 kVDC – 3.5 kVDC – 3.5 kVDC – 4.2 kVDC – CAN 4.2 kVDC – CAN
/	
(W x H x D)	248 x 84 x 460 (mm) ( )
	10.3 kg

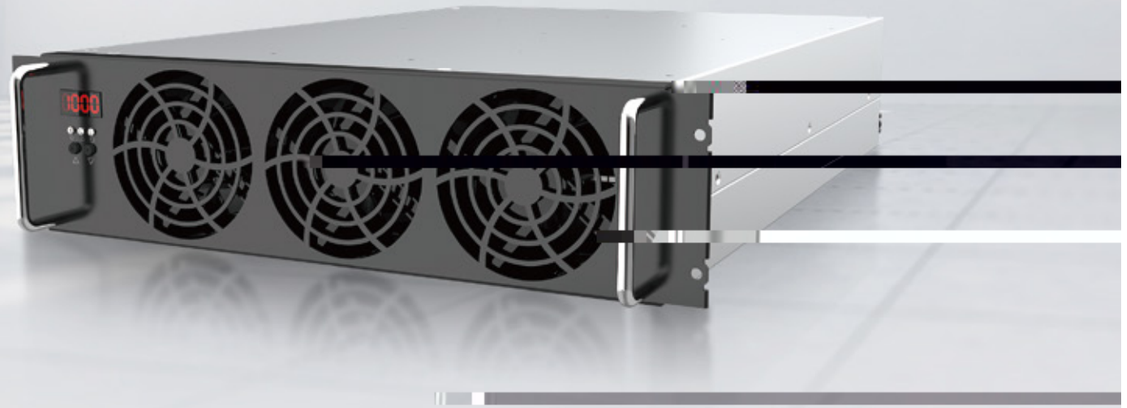
	323~437 VAC ( ) 280~485 VAC ( )
	38 A
	50 Hz / 60 Hz ±5%
	0.99 @ full load; 0.98 @ half load
	5% @ half load~full load @ 380 VAC
	UP to 95%
	20 kW
	20~120 V
	100~120 V
	≤ 200 A
	≤ ±5%
	≤ ±0.5%
	≤ ±1% (20%~100%)
	≤ ±0.5%
	CAN
	15
	--
	--
	--
	-40 ~ +65
	-40 ~ +65
	5~95%
	300, 000
	4.2 kVDC – 2.1 kVDC – 2.1 kVDC – 4.2 kVDC

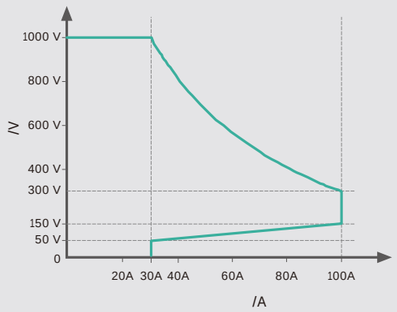
	323~437 VAC (280~485 VAC ( )
	38 A
	50 Hz / 60 Hz ±5%
	0.99 @ full load; 0.98 @ half load
	5% @ half load~full load @ 380 VAC
	UP to 95%
	20 kW
	20~200 V
	133~200 V
	≤ 150 A
	≤ ±5%
	≤ ±0.5%
	≤ ±1% (20%~100%)
	≤ ±0.5%
	CAN
	15
	--
	--
	--
	-40 ~ +65
	-40 ~ +65
	5~95%
	≤ 4000 m ⩽ 2000 m , 2000 m 100 m 1
	300, 000
	4.2 kVDC – 2.1 kVDC – 2.1 kVDC – 4.2 kVDC – CAN 2.5 kVDC – CAN
/	
(W x H x D)	226 x 85 x 395 (mm) ( )
	10.2 kg

MIPC1000-100

MIPC1000-100G CE

MIPC1000-100G1 UL

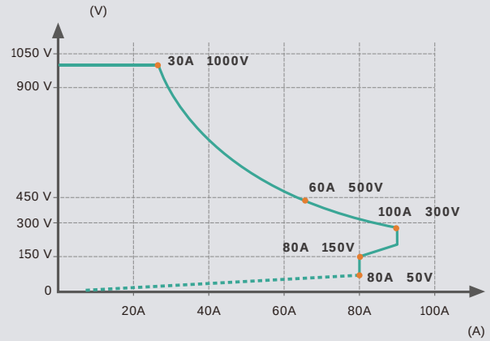




	323~456 VAC ( ) 280~480 VAC ( )
	57 A
	50 Hz / 60 Hz ±5%
	0.99 @ full load; 0.98 @ half load
	5% @ half load~full load @ 380 VAC
	UP to 96.5%
	30 kW
	150~1000 V
	300~1000 V
	≤ 100 A
	≤ ±5%
	≤ ±0.5%
	≤ ±1% (20%~100%)
	≤ ±0.5%
	CAN
	31
	-- -- --
	-40 ~ +75
	-40 ~ +75
	5~95%
	≤ 4000 m ⩽ 2000 m , 2000 m 100 m 1
	300, 000
	4.2 kVDC – 3.5 kVDC – 3.5 kVDC – 4.2 kVDC – CAN 4.2 kVDC – CAN
/	
(W x H x D)	300 x 84 x 437.5 (mm) ( )
	15.4 kg

30 kW

MIPC1000-100C2



	/ 323~456 VAC ( ) 280~480 VAC ( )
	< 50 A
	50 / 60 Hz ± 5 Hz
	> 0.99 @ 50%~100%
	5% @ 50%~100% @ 380 VAC
	≥ 96.2%
	30 kW
	50~1000 V
	300~1000 V
	≤ 100 A
	≤ ± 5%
	≤ ± 0.5%
	≤ ± 1% (20%~100%)
	≤ ± 0.5%
	CAN 2.0 B, 125 / 250 / 500 kbps
	128
	- - -
	-40 ~ +75
	-40 ~ +75
	5~95%
	≤ 4000 m 2000 m, 100 m 1
	> 300,000
	4.2 kVDC - 3.5 kVDC - 3.5 kVDC - 4.2 kVDC -CAN 4.2 kVDC -CAN
/	,
	,
/	,
	,
(W x H x D)	218 × 84 × 459 mm (× ×)
	11.5 kg

IN
OUT

40 kW

MIPC1000-135C1

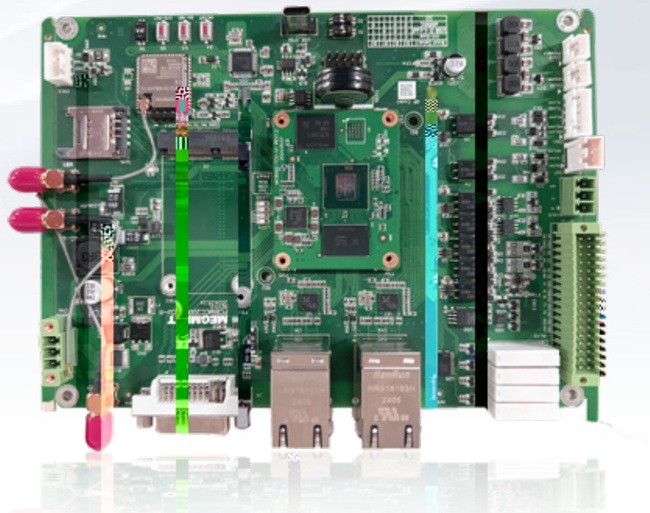
(CCU)

CCU BMS

—

— 2 DO — 1 PWM — 3 AN — 1 RS485
— 15 DI — 2 — 1 1 RS232

(CU)



TCU LVDS

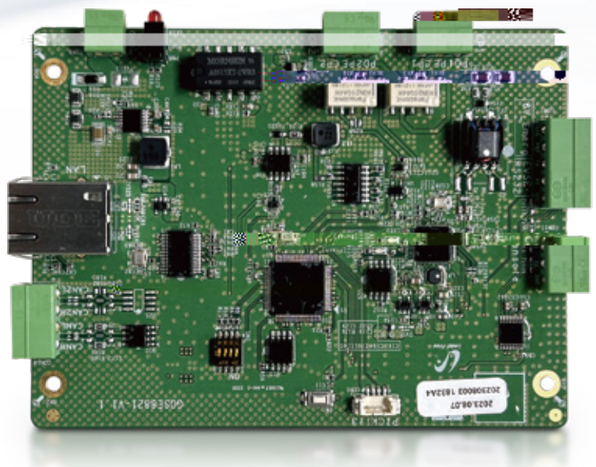
POS M1 QR 4G WIFI

—

— 64 Cortex A53 , 1.8 GHz — LPDDR4,
— ,

— 3 RS232 — 2 — 1 , 10 / 100 / 1000 M
— 1 RS485 — 2 , 10 / 100 M

(PLC



R&D

>3000

35%

1990

2024 400+

&

32

• 9

38

• 28

PLC

- CCS, CHAdeMO( )
- CCS DIN 70121, ISO15118
- CHAdeMO , 2.0 ( )
- IEC 61851-2:2023
- ( )

CCS

- ,
- AN ,
- RS232 , ,
- Proxima Detection(PD)
- EIM, PnC

,

12 / 24 VDC
9~26 VDC

for CCS, Max. 40

,

119 x 229 (mm)

-40 °C ~ +85 °C

CNAS TUV UL-WTDP UL-CTF

ODM
EM