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

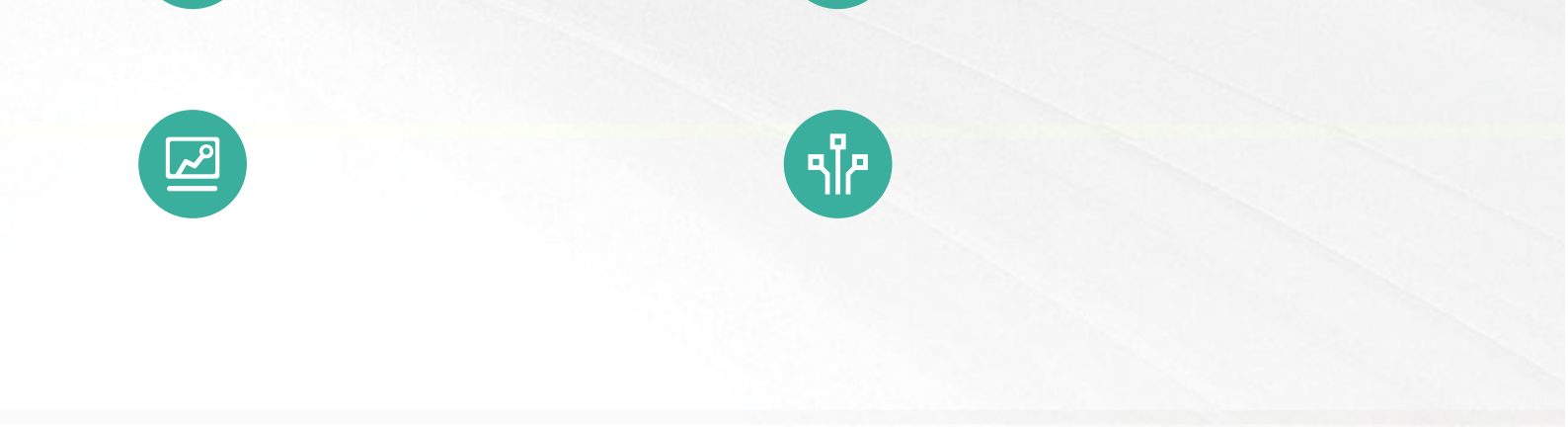
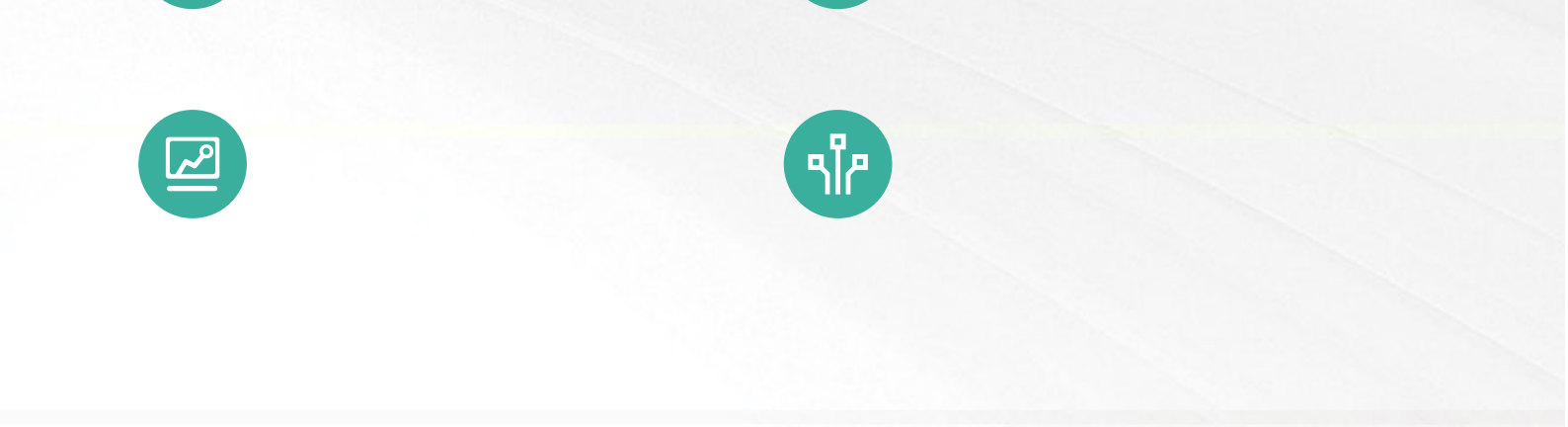
27-29

27 CU
28 CU
29 P C

30

31-32

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



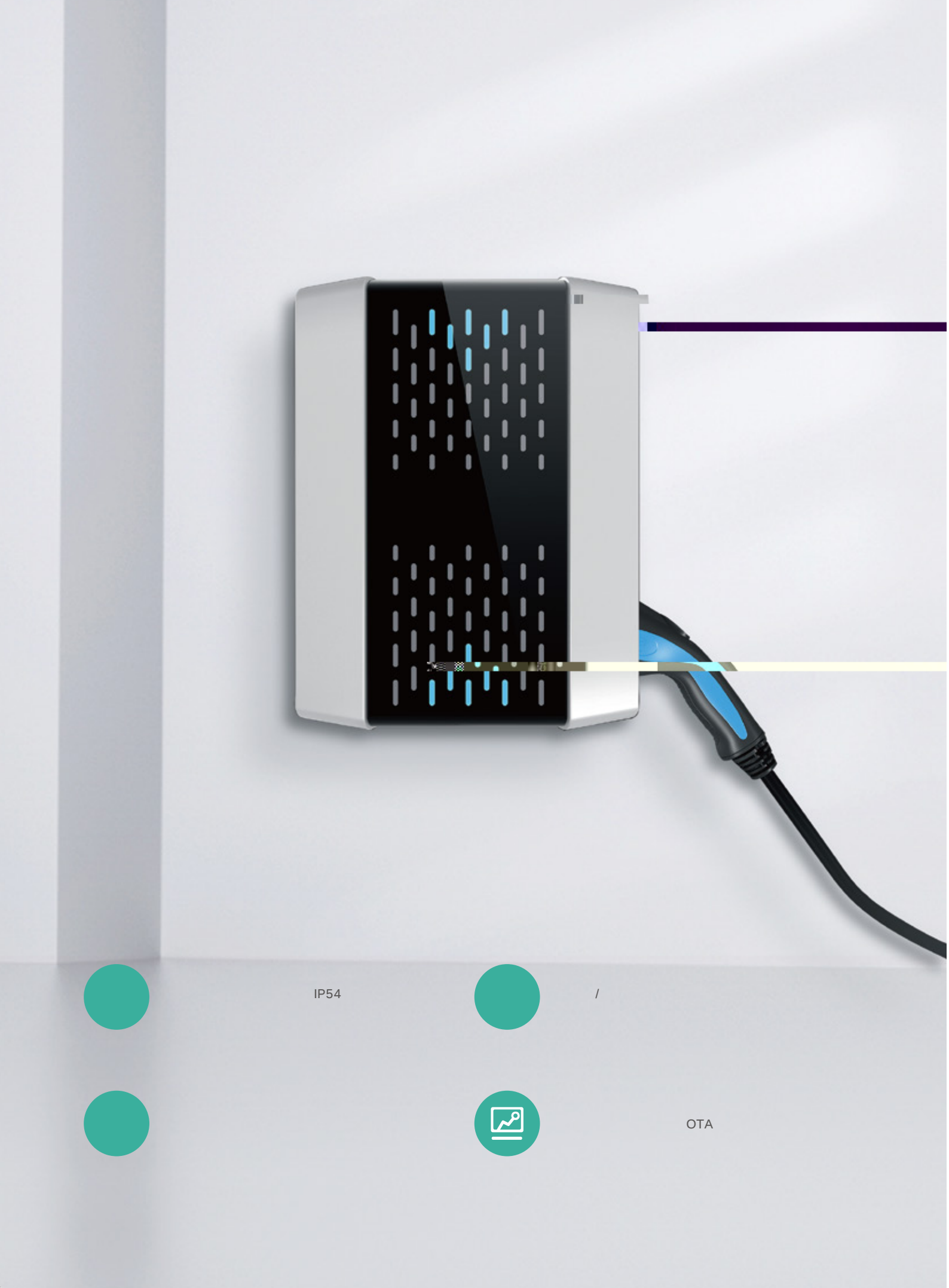
	323~456 VAC
	380 VAC
	50 Hz
	≥ 0.99
	3W + N + PE
	120 kW
	150~1000 VDC
	300~1000 VDC
	≤ ±0.5%
	≤ ±1%
	≥ 94%
	≤ 65 dB
	-20 °C ~ +55 °C
	-40 °C ~ +75 °C
	5~95%
	≤ 2000 m 2000 m
	CAN
(W x H x D)	700 x 1700 x 460 (mm)
IP	IP54
	5 m
	7

240 kW

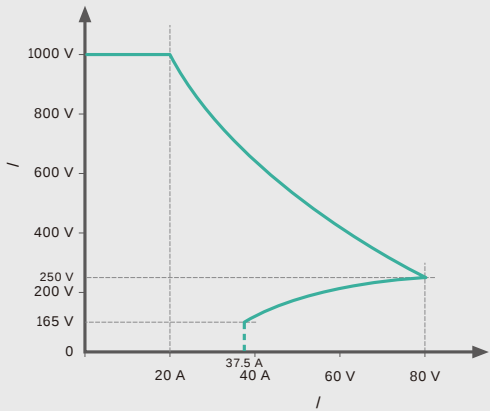




323~456 VAC		
380 VAC		
50 Hz		
≥ 0.99		
3W + N + PE		
600 kW		
150~1000 VDC		
300~1000 VDC		
250 A		600 A
()	12 (10 2)	
≥ 94%		
≤ 65 dB		
-20 °C ~ +55 °C		
-40 °C ~ +75 °C		
5~95%		
≤ 2000 m	2000 m	
CAN		
4G / WIFI		
2	1	
IP	IP55	
5 m / 3.5 m		



MIPC1000-80T



	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

MPS10020KT-C



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%

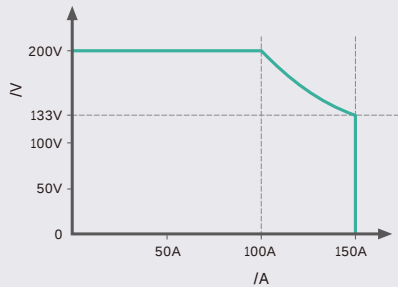
CAN
15
--
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-40 ~ +65
-40 ~ +65
5~95%

300, 000

4.2 kVDC
2.1 kVDC
2.1 kVDC
4.2 kVDC

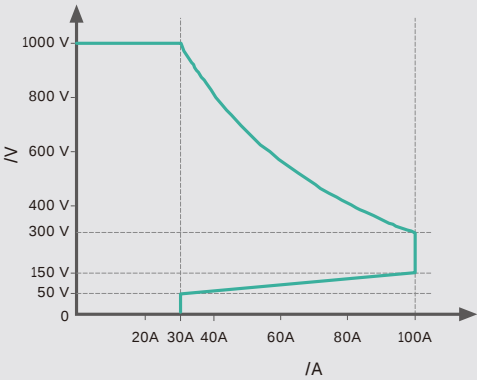
MPS20020KT-C



	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

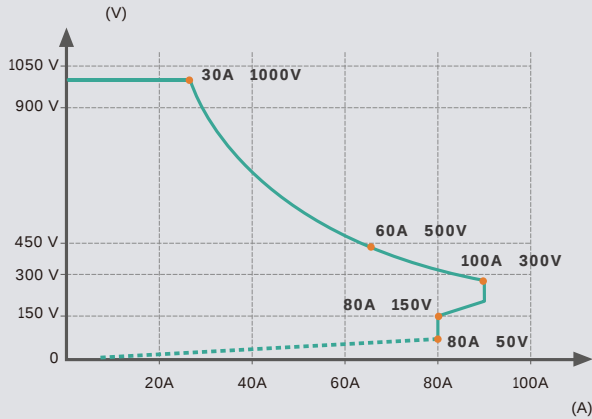
MIPC1000-100

MIPC1000-100G CE
MIPC1000-100G1 UL

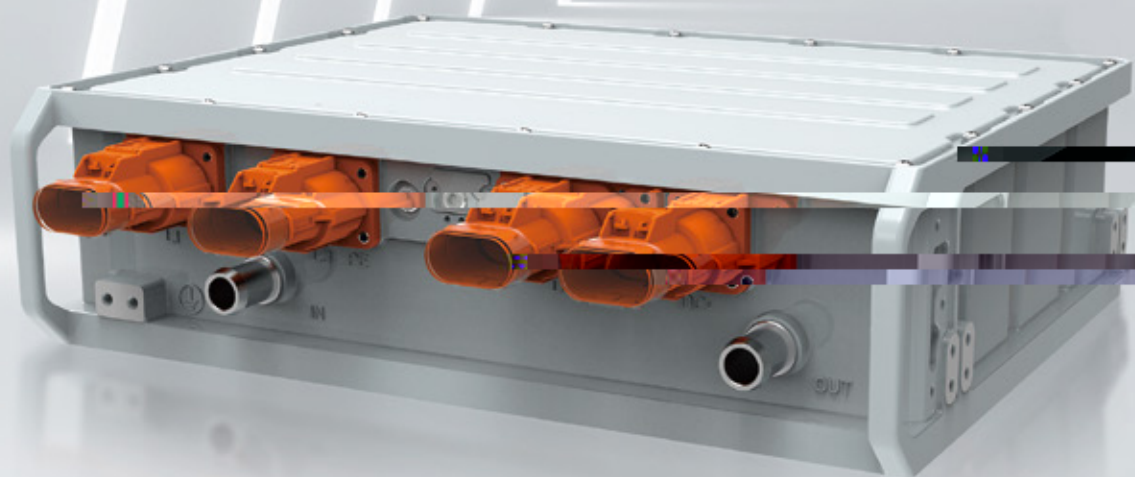


	323~456 VAC () 280~480 VAC ()
	57 A
	50 Hz / 60 Hz ±5%
	0.99 @ full load; 0.98 @ half load
	5% @ half load~full load @ 380 VAC
	UP to 96.5%
	30 kW
	150~1000 V
	300~1000 V
	≤ 100 A
	≤ ±5%
	≤ ±0.5%
	≤ ±1% (20%~100%)
	≤ ±0.5%
	CAN
	31
	--
	--
	--
	-40 ~ +75
	-40 ~ +75
	5~95%
	≤ 4000 m ≤ 2000 m , 2000 m 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%	
	2000 m,	4000 m 100 m 1
	> 300,000	
	4.2 kVDC	-
	3.5 kVDC	-
	3.5 kVDC	-
	4.2 kVDC	-CAN
	4.2 kVDC	-CAN
	,	
	,	
	,	
	,	
	218 × 84 × 459 mm (× ×)	
	11.5 kg	

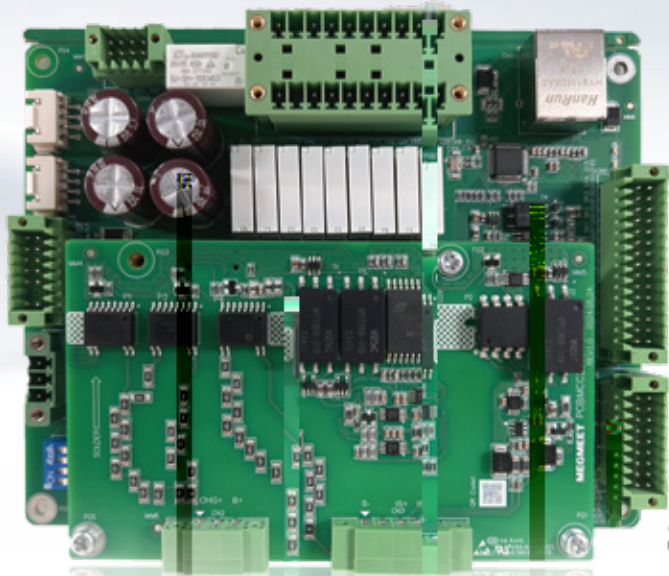


40 kW

MIPC1000-135C1



(CCU)



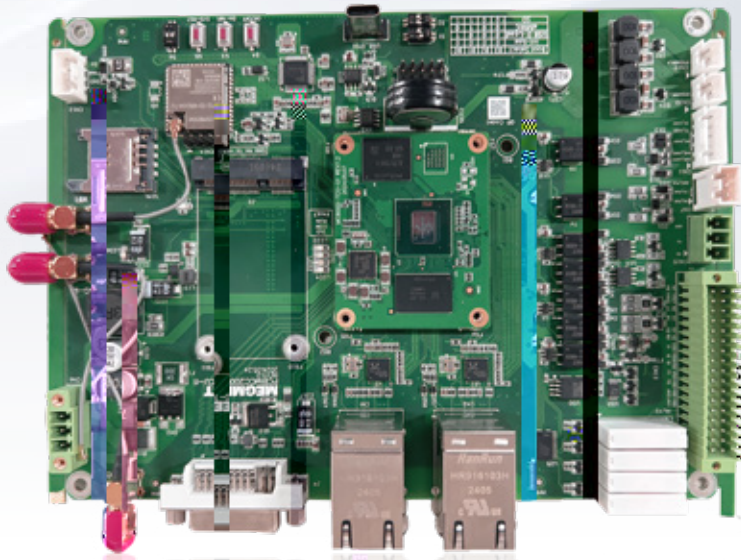
CCU

BMS



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

(TCU)



TCU

LVDS



POS M1 QR

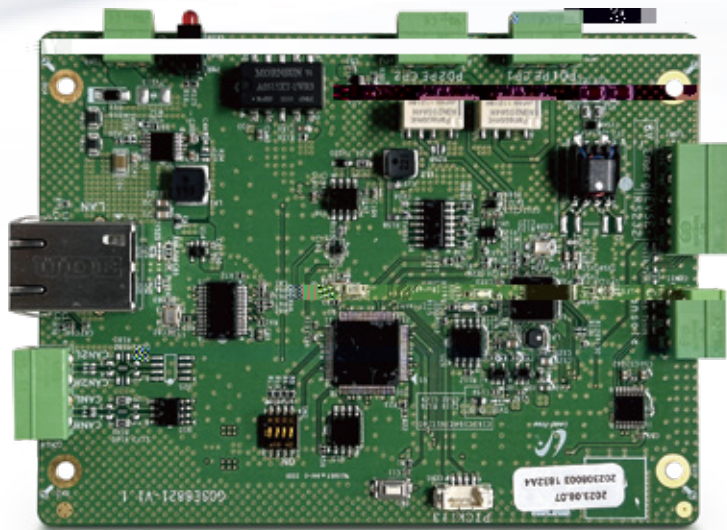


4G WIFI



- 64 Cortex A53 , 1.8 GHz
- LPDDR4,
- 3 RS232
- 2
- 1 RS485
- 2 , 10 / 100 M
- 1 , 10 / 100 / 1000 M

(PLC



PLC

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

CCS

R&D

>3000

35% ▽

1990

↑ 2024 400+

&

32

• 9

38

• 28



CNAS TÜV UL-WTDP UL-CTF



QDMA QEM

