



Product Service

# CERTIFICATE

No. Z2 076043 0134 Rev. 02

**Holder of Certificate:** **Hengdian Group DMEGC Magnetics CO., LTD**  
Hengdian Industrial Zone  
322118 Dongyang, Zhejiang  
PEOPLE'S REPUBLIC OF CHINA

**Certification Mark:**



**Product:** **Crystalline Silicon Terrestrial Photovoltaic (PV) Modules**  
**Mono-Crystalline Silicon Photovoltaic Module**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the Testing, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 704062425019-02

**Valid until:** 2030-10-30

**Date,** 2025-10-31

( Zhulin Zhang )

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## Model(s):

DMxxxM10T-B78HSW, xxx = 590 to 660 in steps of 5;  
DMxxxM10T-B78HST, xxx = 590 to 660 in steps of 5;  
DMxxxM10T-B78HBW, xxx = 590 to 660 in steps of 5;  
DMxxxM10T-B78HBT, xxx = 590 to 660 in steps of 5;  
DMxxxM10T-B78HBB, xxx = 590 to 660 in steps of 5;  
DMxxxM10T-B78HSW-P, xxx = 590 to 660 in steps of 5;  
DMxxxM10T-B78HST-P, xxx = 590 to 660 in steps of 5;  
DMxxxM10T-B78HBW-P, xxx = 590 to 660 in steps of 5;  
DMxxxM10T-B78HBT-P, xxx = 590 to 660 in steps of 5;  
DMxxxM10T-B78HBB-P, xxx = 590 to 660 in steps of 5;  
DMxxxM10T-B78ZSW, xxx = 590 to 660 in steps of 5;  
DMxxxM10T-B78ZST, xxx = 590 to 660 in steps of 5;  
DMxxxM10T-B78ZBW, xxx = 590 to 660 in steps of 5;  
DMxxxM10T-B78ZBT, xxx = 590 to 660 in steps of 5;  
DMxxxM10T-B78ZBB, xxx = 590 to 660 in steps of 5;  
DMxxxM10T-B78ZSW-P, xxx = 590 to 660 in steps of 5;  
DMxxxM10T-B78ZST-P, xxx = 590 to 660 in steps of 5;  
DMxxxM10T-B78ZBW-P, xxx = 590 to 660 in steps of 5;  
DMxxxM10T-B78ZBT-P, xxx = 590 to 660 in steps of 5;  
DMxxxM10T-B78ZBB-P, xxx = 590 to 660 in steps of 5;  
GHxxxM10T-B78HSW, xxx = 590 to 660 in steps of 5;  
GHxxxM10T-B78HST, xxx = 590 to 660 in steps of 5;  
GHxxxM10T-B78HBW, xxx = 590 to 660 in steps of 5;  
GHxxxM10T-B78HBT, xxx = 590 to 660 in steps of 5;  
GHxxxM10T-B78HBB, xxx = 590 to 660 in steps of 5;  
GHxxxM10T-B78ZST, xxx = 590 to 660 in steps of 5;  
GHxxxM10T-B78ZBT, xxx = 590 to 660 in steps of 5;  
GHxxxM10T-B78HSW-C, xxx = 590 to 660 in steps of 5;  
GHxxxM10T-B78HST-C, xxx = 590 to 660 in steps of 5;  
GHxxxM10T-B78ZSW-C, xxx = 590 to 660 in steps of 5;  
GHxxxM10T-B78ZST-C, xxx = 590 to 660 in steps of 5;  
DMxxxM10T-B72HSW, xxx = 535 to 605 in steps of 5;  
DMxxxM10T-B72HST, xxx = 535 to 605 in steps of 5;  
DMxxxM10T-B72HBW, xxx = 535 to 605 in steps of 5;  
DMxxxM10T-B72HBT, xxx = 535 to 605 in steps of 5;  
DMxxxM10T-B72HBB, xxx = 535 to 605 in steps of 5;  
DMxxxM10T-B72HSW-P, xxx = 535 to 605 in steps of 5;  
DMxxxM10T-B72HST-P, xxx = 535 to 605 in steps of 5;  
DMxxxM10T-B72HBW-P, xxx = 535 to 605 in steps of 5;  
DMxxxM10T-B72HBT-P, xxx = 535 to 605 in steps of 5;  
DMxxxM10T-B72HBB-P, xxx = 535 to 605 in steps of 5;  
DMxxxM10T-B72ZSW, xxx = 535 to 605 in steps of 5;  
DMxxxM10T-B72ZST, xxx = 535 to 605 in steps of 5;  
DMxxxM10T-B72ZBW, xxx = 535 to 605 in steps of 5;  
DMxxxM10T-B72ZBT, xxx = 535 to 605 in steps of 5;  
DMxxxM10T-B72ZBB, xxx = 535 to 605 in steps of 5;  
DMxxxM10T-B72ZSW-P, xxx = 535 to 605 in steps of 5;  
DMxxxM10T-B72ZST-P, xxx = 535 to 605 in steps of 5;  
DMxxxM10T-B72ZBW-P, xxx = 535 to 605 in steps of 5;  
DMxxxM10T-B72ZBT-P, xxx = 535 to 605 in steps of 5;  
DMxxxM10T-B72ZBB-P, xxx = 535 to 605 in steps of 5;  
GHxxxM10T-B72HSW, xxx = 535 to 605 in steps of 5;  
GHxxxM10T-B72HST, xxx = 535 to 605 in steps of 5;  
GHxxxM10T-B72HBW, xxx = 535 to 605 in steps of 5;  
GHxxxM10T-B72HBT, xxx = 535 to 605 in steps of 5;  
GHxxxM10T-B72HBB, xxx = 535 to 605 in steps of 5;  
GHxxxM10T-B72ZST, xxx = 535 to 605 in steps of 5;  
GHxxxM10T-B72ZBT, xxx = 535 to 605 in steps of 5;  
GHxxxM10T-B72ZSW-C, xxx = 535 to 605 in steps of 5;  
GHxxxM10T-B72ZST-C, xxx = 535 to 605 in steps of 5;  
DMxxxM10T-B66HSW, xxx = 500 to 555 in steps of 5;  
DMxxxM10T-B66HST, xxx = 500 to 555 in steps of 5;

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DMxxxM10T-B66HBW, xxx = 500 to 555 in steps of 5;  
DMxxxM10T-B66HBT, xxx = 500 to 555 in steps of 5;  
DMxxxM10T-B66HBB, xxx = 500 to 555 in steps of 5;  
DMxxxM10T-B66HSW-P, xxx = 500 to 555 in steps of 5;  
DMxxxM10T-B66HST-P, xxx = 500 to 555 in steps of 5;  
DMxxxM10T-B66HBW-P, xxx = 500 to 555 in steps of 5;  
DMxxxM10T-B66HBT-P, xxx = 500 to 555 in steps of 5;  
DMxxxM10T-B66HBB-P, xxx = 500 to 555 in steps of 5;  
DMxxxM10T-B66ZSW, xxx = 500 to 555 in steps of 5;  
DMxxxM10T-B66ZST, xxx = 500 to 555 in steps of 5;  
DMxxxM10T-B66ZBW, xxx = 500 to 555 in steps of 5;  
DMxxxM10T-B66ZBT, xxx = 500 to 555 in steps of 5;  
DMxxxM10T-B66ZBB, xxx = 500 to 555 in steps of 5;  
DMxxxM10T-B66ZSW-P, xxx = 500 to 555 in steps of 5;  
DMxxxM10T-B66ZST-P, xxx = 500 to 555 in steps of 5;  
DMxxxM10T-B66ZBW-P, xxx = 500 to 555 in steps of 5;  
DMxxxM10T-B66ZBT-P, xxx = 500 to 555 in steps of 5;  
DMxxxM10T-B66ZBB-P, xxx = 500 to 555 in steps of 5;  
GHxxxM10T-B66HSW, xxx = 500 to 555 in steps of 5;  
GHxxxM10T-B66HST, xxx = 500 to 555 in steps of 5;  
GHxxxM10T-B66HBW, xxx = 500 to 555 in steps of 5;  
GHxxxM10T-B66HBT, xxx = 500 to 555 in steps of 5;  
GHxxxM10T-B66HBB, xxx = 500 to 555 in steps of 5;  
GHxxxM10T-B66ZST, xxx = 500 to 555 in steps of 5;  
GHxxxM10T-B66ZBT, xxx = 500 to 555 in steps of 5;  
GHxxxM10T-B66HSW-C, xxx = 500 to 555 in steps of 5;  
GHxxxM10T-B66HST-C, xxx = 500 to 555 in steps of 5;  
GHxxxM10T-B66ZSW-C, xxx = 500 to 555 in steps of 5;  
GHxxxM10T-B66ZST-C, xxx = 500 to 555 in steps of 5;  
DMxxxM10T-B60HSW, xxx = 450 to 505 in steps of 5;  
DMxxxM10T-B60HST, xxx = 450 to 505 in steps of 5;  
DMxxxM10T-B60HBW, xxx = 450 to 505 in steps of 5;  
DMxxxM10T-B60HBT, xxx = 450 to 505 in steps of 5;  
DMxxxM10T-B60HBB, xxx = 450 to 505 in steps of 5;  
DMxxxM10T-B60HSW-P, xxx = 450 to 505 in steps of 5;  
DMxxxM10T-B60HST-P, xxx = 450 to 505 in steps of 5;  
DMxxxM10T-B60HBW-P, xxx = 450 to 505 in steps of 5;  
DMxxxM10T-B60HBT-P, xxx = 450 to 505 in steps of 5;  
DMxxxM10T-B60HBB-P, xxx = 450 to 505 in steps of 5;  
DMxxxM10T-B60ZSW, xxx = 450 to 505 in steps of 5;  
DMxxxM10T-B60ZST, xxx = 450 to 505 in steps of 5;  
DMxxxM10T-B60ZBW, xxx = 450 to 505 in steps of 5;  
DMxxxM10T-B60ZBT, xxx = 450 to 505 in steps of 5;  
DMxxxM10T-B60ZBB, xxx = 450 to 505 in steps of 5;  
DMxxxM10T-B60ZSW-P, xxx = 450 to 505 in steps of 5;  
DMxxxM10T-B60ZST-P, xxx = 450 to 505 in steps of 5;  
DMxxxM10T-B60ZBW-P, xxx = 450 to 505 in steps of 5;  
DMxxxM10T-B60ZBT-P, xxx = 450 to 505 in steps of 5;  
DMxxxM10T-B60ZBB-P, xxx = 450 to 505 in steps of 5;  
GHxxxM10T-B60HSW, xxx = 450 to 505 in steps of 5;  
GHxxxM10T-B60HST, xxx = 450 to 505 in steps of 5;  
GHxxxM10T-B60HBW, xxx = 450 to 505 in steps of 5;  
GHxxxM10T-B60HBT, xxx = 450 to 505 in steps of 5;  
GHxxxM10T-B60HBB, xxx = 450 to 505 in steps of 5;  
GHxxxM10T-B60ZST, xxx = 450 to 505 in steps of 5;  
GHxxxM10T-B60ZBT, xxx = 450 to 505 in steps of 5;  
DMxxxM10T-B60HSW-L, xxx = 450 to 505 in steps of 5;  
DMxxxM10T-B60HST-L, xxx = 450 to 505 in steps of 5;  
DMxxxM10T-B60HBW-L, xxx = 450 to 505 in steps of 5;  
DMxxxM10T-B60HBT-L, xxx = 450 to 505 in steps of 5;  
DMxxxM10T-B60HBB-L, xxx = 450 to 505 in steps of 5;  
DMxxxM10T-B60HSW-LP, xxx = 450 to 505 in steps of 5;

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DMxxxM10T-B60HST-LP, xxx = 450 to 505 in steps of 5;  
DMxxxM10T-B60HBW-LP, xxx = 450 to 505 in steps of 5;  
DMxxxM10T-B60HBT-LP, xxx = 450 to 505 in steps of 5;  
DMxxxM10T-B60HBB-LP, xxx = 450 to 505 in steps of 5;  
GHxxxM10T-B60HSW-L, xxx = 450 to 505 in steps of 5;  
GHxxxM10T-B60HST-L, xxx = 450 to 505 in steps of 5;  
GHxxxM10T-B60HBW-L, xxx = 450 to 505 in steps of 5;  
GHxxxM10T-B60HBT-L, xxx = 450 to 505 in steps of 5;  
GHxxxM10T-B60HBB-L, xxx = 450 to 505 in steps of 5;  
GHxxxM10T-B60ZSW-C, xxx = 450 to 505 in steps of 5;  
GHxxxM10T-B60ZST-C, xxx = 450 to 505 in steps of 5;  
DMxxxM10T-B54HSW, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-B54HST, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-B54HBW, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-B54HBT, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-B54HBB, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-B54HSW-P, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-B54HST-P, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-B54HBW-P, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-B54HBT-P, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-B54HBB-P, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-B54ZSW, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-B54ZST, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-B54ZBW, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-B54ZBT, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-B54ZBB, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-B54ZSW-P, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-B54ZST-P, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-B54ZBW-P, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-B54ZBT-P, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-B54ZBB-P, xxx = 405 to 455 in steps of 5;  
PW54M10-BB xxx, xxx = 405 to 455 in steps of 5;  
GHxxxM10T-B54HSW, xxx = 405 to 455 in steps of 5;  
GHxxxM10T-B54HST, xxx = 405 to 455 in steps of 5;  
GHxxxM10T-B54HBW, xxx = 405 to 455 in steps of 5;  
GHxxxM10T-B54HBT, xxx = 405 to 455 in steps of 5;  
GHxxxM10T-B54HBB, xxx = 405 to 455 in steps of 5;  
GHxxxM10T-B54ZST, xxx = 405 to 455 in steps of 5;  
GHxxxM10T-B54ZBT, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-B54HSW-L, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-B54HST-L, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-B54HBW-L, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-B54HBT-L, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-B54HBB-L, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-B54HSW-LP, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-B54HST-LP, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-B54HBW-LP, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-B54HBT-LP, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-B54HBB-LP, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-B54ZSW-L, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-B54ZST-L, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-B54ZBW-L, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-B54ZBT-L, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-B54ZBB-L, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-B54ZSW-LP, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-B54ZST-LP, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-B54ZBW-LP, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-B54ZBT-LP, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-B54ZBB-LP, xxx = 405 to 455 in steps of 5;  
GHxxxM10T-B54HSW-L, xxx = 405 to 455 in steps of 5;  
GHxxxM10T-B54HST-L, xxx = 405 to 455 in steps of 5;  
GHxxxM10T-B54HBW-L, xxx = 405 to 455 in steps of 5;

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GHxxxM10T-B54HBT-L, xxx = 405 to 455 in steps of 5;  
GHxxxM10T-B54HBB-L, xxx = 405 to 455 in steps of 5;  
GHxxxM10T-B54ZSW-C, xxx = 405 to 455 in steps of 5;  
GHxxxM10T-B54ZST-C, xxx = 405 to 455 in steps of 5;  
GHxxxM10T-B48HST, xxx = 360 to 405 in steps of 5;  
GHxxxM10T-B48ZST, xxx = 360 to 405 in steps of 5;  
GHxxxM10T-B48ZST-L, xxx = 360 to 405 in steps of 5;  
GHxxxM10T-B48HSW-C, xxx = 360 to 405 in steps of 5;  
GHxxxM10T-B48HST-C, xxx = 360 to 405 in steps of 5;  
GHxxxM10T-B48ZSW-C, xxx = 360 to 405 in steps of 5;  
GHxxxM10T-B48ZST-C, xxx = 360 to 405 in steps of 5;  
GHxxxM10T-B48ZSW-LC, xxx = 360 to 405 in steps of 5;  
GHxxxM10T-B48ZST-LC, xxx = 360 to 405 in steps of 5;  
GHxxxM10T-B44HST, xxx = 330 to 370 in steps of 5;  
GHxxxM10T-B44ZST, xxx = 330 to 370 in steps of 5;  
GHxxxM10T-B44HST-C, xxx = 330 to 370 in steps of 5;  
GHxxxM10T-B44ZST-C, xxx = 330 to 370 in steps of 5;  
GHxxxM10T-B40HST, xxx = 300 to 335 in steps of 5;  
GHxxxM10T-B40ZST, xxx = 300 to 335 in steps of 5;  
GHxxxM10T-B40HST-C, xxx = 300 to 335 in steps of 5;  
GHxxxM10T-B40ZST-C, xxx = 300 to 335 in steps of 5;  
DMxxxM10T-B36HBT, xxx = 270 to 300 in steps of 5;  
DMxxxM10T-B36ZSW, xxx = 270 to 300 in steps of 5;  
DMxxxM10T-B36ZBW, xxx = 270 to 300 in steps of 5;  
DMxxxM10T-B36ZBT, xxx = 270 to 300 in steps of 5;  
GHxxxM10T-B36HST, xxx = 270 to 300 in steps of 5;  
GHxxxM10T-B36HBT, xxx = 270 to 300 in steps of 5;  
GHxxxM10T-B36ZST, xxx = 270 to 300 in steps of 5;  
GHxxxM10T-B36ZBT, xxx = 270 to 300 in steps of 5;  
GHxxxM10T-B36ZBB, xxx = 270 to 300 in steps of 5;  
GHxxxM10T-B36HST-C, xxx = 270 to 300 in steps of 5;  
GHxxxM10T-B36ZSW-C, xxx = 270 to 300 in steps of 5;  
GHxxxM10T-B36ZST-C, xxx = 270 to 300 in steps of 5;  
GHxxxM10T-B36ZSW-LC, xxx = 270 to 300 in steps of 5;  
DMxxxM10T-B32HBT, xxx = 250 to 270 in steps of 5;  
DMxxxM10T-B32ZSW, xxx = 250 to 270 in steps of 5;  
DMxxxM10T-B32ZBW, xxx = 250 to 270 in steps of 5;  
DMxxxM10T-B32ZBT, xxx = 250 to 270 in steps of 5;  
GHxxxM10T-B32HSW, xxx = 250 to 270 in steps of 5;  
GHxxxM10T-B32HST, xxx = 250 to 270 in steps of 5;  
GHxxxM10T-B32HBW, xxx = 250 to 270 in steps of 5;  
GHxxxM10T-B32HBT, xxx = 250 to 270 in steps of 5;  
GHxxxM10T-B32HBB, xxx = 250 to 270 in steps of 5;  
GHxxxM10T-B32ZST, xxx = 250 to 270 in steps of 5;  
GHxxxM10T-B32ZBT, xxx = 250 to 270 in steps of 5;  
GHxxxM10T-B32ZBB, xxx = 250 to 270 in steps of 5;  
GHxxxM10T-B32HST-C, xxx = 250 to 270 in steps of 5;  
GHxxxM10T-B32ZSW-C, xxx = 250 to 270 in steps of 5;  
GHxxxM10T-B32ZST-C, xxx = 250 to 270 in steps of 5;  
GHxxxM10T-B32ZSW-LC, xxx = 250 to 270 in steps of 5;  
DMxxxM10T-B30HBW, xxx = 235 to 250 in steps of 5;  
DMxxxM10RT-B72HSW, xxx = 590 to 625 in steps of 5;  
DMxxxM10RT-B72HST, xxx = 590 to 625 in steps of 5;  
DMxxxM10RT-B72HBW, xxx = 590 to 625 in steps of 5;  
DMxxxM10RT-B72HBT, xxx = 590 to 625 in steps of 5;  
DMxxxM10RT-B72HBB, xxx = 590 to 625 in steps of 5;  
DMxxxM10RT-B72HSW-P, xxx = 590 to 625 in steps of 5;  
DMxxxM10RT-B72HST-P, xxx = 590 to 625 in steps of 5;  
DMxxxM10RT-B72HBW-P, xxx = 590 to 625 in steps of 5;  
DMxxxM10RT-B72HBT-P, xxx = 590 to 625 in steps of 5;  
DMxxxM10RT-B72HBB-P, xxx = 590 to 625 in steps of 5;  
GHxxxM10RT-B72HSW, xxx = 590 to 625 in steps of 5;

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GHxxxM10RT-B72HST, xxx = 590 to 625 in steps of 5;  
GHxxxM10RT-B72HBW, xxx = 590 to 625 in steps of 5;  
GHxxxM10RT-B72HBT, xxx = 590 to 625 in steps of 5;  
GHxxxM10RT-B72HBB, xxx = 590 to 625 in steps of 5;  
DMxxxM10RT-B60HSW, xxx = 475 to 520 in steps of 5;  
DMxxxM10RT-B60HST, xxx = 475 to 520 in steps of 5;  
DMxxxM10RT-B60HBW, xxx = 475 to 520 in steps of 5;  
DMxxxM10RT-B60HBT, xxx = 475 to 520 in steps of 5;  
DMxxxM10RT-B60HBB, xxx = 475 to 520 in steps of 5;  
DMxxxM10RT-B60HSW-P, xxx = 475 to 520 in steps of 5;  
DMxxxM10RT-B60HST-P, xxx = 475 to 520 in steps of 5;  
DMxxxM10RT-B60HBW-P, xxx = 475 to 520 in steps of 5;  
DMxxxM10RT-B60HBT-P, xxx = 475 to 520 in steps of 5;  
DMxxxM10RT-B60HBB-P, xxx = 475 to 520 in steps of 5;  
DMxxxM10RT-B60ZSW, xxx = 475 to 520 in steps of 5;  
DMxxxM10RT-B60ZST, xxx = 475 to 520 in steps of 5;  
DMxxxM10RT-B60ZBW, xxx = 475 to 520 in steps of 5;  
DMxxxM10RT-B60ZBT, xxx = 475 to 520 in steps of 5;  
DMxxxM10RT-B60ZBB, xxx = 475 to 520 in steps of 5;  
DMxxxM10RT-B60ZSW-P, xxx = 475 to 520 in steps of 5;  
DMxxxM10RT-B60ZST-P, xxx = 475 to 520 in steps of 5;  
DMxxxM10RT-B60ZBW-P, xxx = 475 to 520 in steps of 5;  
DMxxxM10RT-B60ZBT-P, xxx = 475 to 520 in steps of 5;  
DMxxxM10RT-B60ZBB-P, xxx = 475 to 520 in steps of 5;  
GHxxxM10RT-B60HSW, xxx = 475 to 520 in steps of 5;  
GHxxxM10RT-B60HST, xxx = 475 to 520 in steps of 5;  
GHxxxM10RT-B60HBW, xxx = 475 to 520 in steps of 5;  
GHxxxM10RT-B60HBT, xxx = 475 to 520 in steps of 5;  
GHxxxM10RT-B60HBB, xxx = 475 to 520 in steps of 5;  
GHxxxM10RT-B60ZST, xxx = 475 to 520 in steps of 5;  
GHxxxM10RT-B60ZBT, xxx = 475 to 520 in steps of 5;  
GHxxxM10RT-B60ZSW-C, xxx = 475 to 520 in steps of 5;  
GHxxxM10RT-B60ZST-C, xxx = 475 to 520 in steps of 5;  
DMxxxM10RT-B60HSW-L, xxx = 475 to 520 in steps of 5;  
DMxxxM10RT-B60HST-L, xxx = 475 to 520 in steps of 5;  
DMxxxM10RT-B60HBW-L, xxx = 475 to 520 in steps of 5;  
DMxxxM10RT-B60HBT-L, xxx = 475 to 520 in steps of 5;  
DMxxxM10RT-B60HBB-L, xxx = 475 to 520 in steps of 5;  
DMxxxM10RT-B60HSW-LP, xxx = 475 to 520 in steps of 5;  
DMxxxM10RT-B60HST-LP, xxx = 475 to 520 in steps of 5;  
DMxxxM10RT-B60HBW-LP, xxx = 475 to 520 in steps of 5;  
DMxxxM10RT-B60HBT-LP, xxx = 475 to 520 in steps of 5;  
DMxxxM10RT-B60HBB-LP, xxx = 475 to 520 in steps of 5;  
GHxxxM10RT-B60HSW-L, xxx = 475 to 520 in steps of 5;  
GHxxxM10RT-B60HST-L, xxx = 475 to 520 in steps of 5;  
GHxxxM10RT-B60HBW-L, xxx = 475 to 520 in steps of 5;  
GHxxxM10RT-B60HBT-L, xxx = 475 to 520 in steps of 5;  
GHxxxM10RT-B60HBB-L, xxx = 475 to 520 in steps of 5;  
DMxxxM10RT-B54HSW, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-B54HBW, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-B54HST, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-B54HBT, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-B54HBB, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-B54HSW-P, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-B54HST-P, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-B54HBW-P, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-B54HBT-P, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-B54HBB-P, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-B54ZSW, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-B54ZST, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-B54ZBW, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-B54ZBT, xxx = 425 to 465 in steps of 5;

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DMxxxM10RT-B54ZBB, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-B54ZSW-P, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-B54ZST-P, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-B54ZBW-P, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-B54ZBT-P, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-B54ZBB-P, xxx = 425 to 465 in steps of 5;  
GHxxxM10RT-B54HSW, xxx = 425 to 465 in steps of 5;  
GHxxxM10RT-B54HST, xxx = 425 to 465 in steps of 5;  
GHxxxM10RT-B54HBW, xxx = 425 to 465 in steps of 5;  
GHxxxM10RT-B54HBT, xxx = 425 to 465 in steps of 5;  
GHxxxM10RT-B54HBB, xxx = 425 to 465 in steps of 5;  
GHxxxM10RT-B54ZST, xxx = 425 to 465 in steps of 5;  
GHxxxM10RT-B54ZBT, xxx = 425 to 465 in steps of 5;  
GHxxxM10RT-B54ZSW-C, xxx = 425 to 465 in steps of 5;  
GHxxxM10RT-B54ZST-C, xxx = 425 to 465 in steps of 5;  
GHxxxM10RT-B54ZSW-LC, xxx = 425 to 465 in steps of 5;  
GHxxxM10RT-B54ZST-LC, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-B54HSW-L, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-B54HST-L, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-B54HBW-L, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-B54HBT-L, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-B54HBB-L, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-B54HSW-LP, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-B54HST-LP, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-B54HBW-LP, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-B54HBT-LP, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-B54HBB-LP, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-B54ZSW-L, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-B54ZST-L, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-B54ZBW-L, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-B54ZBT-L, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-B54ZBB-L, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-B54ZSW-LP, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-B54ZST-LP, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-B54ZBW-LP, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-B54ZBT-LP, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-B54ZBB-LP, xxx = 425 to 465 in steps of 5;  
GHxxxM10RT-B54HSW-L, xxx = 425 to 465 in steps of 5;  
GHxxxM10RT-B54HST-L, xxx = 425 to 465 in steps of 5;  
GHxxxM10RT-B54HBW-L, xxx = 425 to 465 in steps of 5;  
GHxxxM10RT-B54HBT-L, xxx = 425 to 465 in steps of 5;  
GHxxxM10RT-B54HBB-L, xxx = 425 to 465 in steps of 5;  
GHxxxM10RT-B54ZST-L, xxx = 425 to 465 in steps of 5;  
GHxxxM10RT-B54ZBT-L, xxx = 425 to 465 in steps of 5;  
GHxxxM10RT-B48ZST, xxx = 380 to 415 in steps of 5;  
GHxxxM10RT-B48HSW-C, xxx = 380 to 415 in steps of 5;  
GHxxxM10RT-B48HST-C, xxx = 380 to 415 in steps of 5;  
GHxxxM10RT-B48ZSW-C, xxx = 380 to 415 in steps of 5;  
GHxxxM10RT-B48ZST-C, xxx = 380 to 415 in steps of 5;  
GHxxxM10RT-B48ZSW-LC, xxx = 380 to 415 in steps of 5;  
GHxxxM10RT-B40HSW-C, xxx = 315 to 345 in steps of 5;  
GHxxxM10RT-B40HST-C, xxx = 315 to 345 in steps of 5;  
DMxxxM10RT-B32HSW, xxx = 255 to 275 in steps of 5;  
DMxxxM10RT-B32HST, xxx = 255 to 275 in steps of 5;  
DMxxxM10RT-B32HBW, xxx = 255 to 275 in steps of 5;  
DMxxxM10RT-B32HBT, xxx = 255 to 275 in steps of 5;  
DMxxxM10RT-B32HBB, xxx = 255 to 275 in steps of 5;  
GHxxxM10RT-B32HSW, xxx = 255 to 275 in steps of 5;  
GHxxxM10RT-B32HST, xxx = 255 to 275 in steps of 5;  
GHxxxM10RT-B32HBW, xxx = 255 to 275 in steps of 5;  
GHxxxM10RT-B32HBT, xxx = 255 to 275 in steps of 5;  
GHxxxM10RT-B32HBB, xxx = 255 to 275 in steps of 5;

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DMxxxM10RT-B30HBW, xxx = 240 to 260 in steps of 5;  
DMxxxM10RT-B30HBB, xxx = 240 to 260 in steps of 5;  
DMxxxM10RT-B27HBW, xxx = 225 to 234 in steps of 1;  
DMxxxM10RT-B78DSW, xxx = 610 to 660 in steps of 5;  
DMxxxM10RT-B78DBW, xxx = 610 to 660 in steps of 5;  
DMxxxM10RT-B78DST, xxx = 610 to 660 in steps of 5;  
DMxxxM10RT-B78DBT, xxx = 610 to 660 in steps of 5;  
DMxxxM10RT-B78DBB, xxx = 610 to 660 in steps of 5;  
DMxxxM10RT-B78DSW-P, xxx = 610 to 660 in steps of 5;  
DMxxxM10RT-B78DBW-P, xxx = 610 to 660 in steps of 5;  
DMxxxM10RT-B78DST-P, xxx = 610 to 660 in steps of 5;  
DMxxxM10RT-B78DBT-P, xxx = 610 to 660 in steps of 5;  
DMxxxM10RT-B78DBB-P, xxx = 610 to 660 in steps of 5;  
DMxxxM10RT-B72DSW, xxx = 565 to 605 in steps of 5;  
DMxxxM10RT-B72DBW, xxx = 565 to 605 in steps of 5;  
DMxxxM10RT-B72DST, xxx = 565 to 605 in steps of 5;  
DMxxxM10RT-B72DBT, xxx = 565 to 605 in steps of 5;  
DMxxxM10RT-B72DBB, xxx = 565 to 605 in steps of 5;  
DMxxxM10RT-B72DSW-P, xxx = 565 to 605 in steps of 5;  
DMxxxM10RT-B72DBW-P, xxx = 565 to 605 in steps of 5;  
DMxxxM10RT-B72DST-P, xxx = 565 to 605 in steps of 5;  
DMxxxM10RT-B72DBT-P, xxx = 565 to 605 in steps of 5;  
DMxxxM10RT-B72DBB-P, xxx = 565 to 605 in steps of 5;  
DMxxxM10RT-B66DSW, xxx = 520 to 555 in steps of 5;  
DMxxxM10RT-B66DBW, xxx = 520 to 555 in steps of 5;  
DMxxxM10RT-B66DST, xxx = 520 to 555 in steps of 5;  
DMxxxM10RT-B66DBT, xxx = 520 to 555 in steps of 5;  
DMxxxM10RT-B66DBB, xxx = 520 to 555 in steps of 5;  
DMxxxM10RT-B66DSW-P, xxx = 520 to 555 in steps of 5;  
DMxxxM10RT-B66DBW-P, xxx = 520 to 555 in steps of 5;  
DMxxxM10RT-B66DST-P, xxx = 520 to 555 in steps of 5;  
DMxxxM10RT-B66DBT-P, xxx = 520 to 555 in steps of 5;  
DMxxxM10RT-B66DBB-P, xxx = 520 to 555 in steps of 5;  
DMxxxM10RT-B60DSW, xxx = 470 to 505 in steps of 5;  
DMxxxM10RT-B60DBW, xxx = 470 to 505 in steps of 5;  
DMxxxM10RT-B60DST, xxx = 470 to 505 in steps of 5;  
DMxxxM10RT-B60DBT, xxx = 470 to 505 in steps of 5;  
DMxxxM10RT-B60DBB, xxx = 470 to 505 in steps of 5;  
DMxxxM10RT-B60DSW-P, xxx = 470 to 505 in steps of 5;  
DMxxxM10RT-B60DBW-P, xxx = 470 to 505 in steps of 5;  
DMxxxM10RT-B60DST-P, xxx = 470 to 505 in steps of 5;  
DMxxxM10RT-B60DBT-P, xxx = 470 to 505 in steps of 5;  
DMxxxM10RT-B60DBB-P, xxx = 470 to 505 in steps of 5;  
DMxxxM10RT-B54DSW, xxx = 425 to 455 in steps of 5;  
DMxxxM10RT-B54DBW, xxx = 425 to 455 in steps of 5;  
DMxxxM10RT-B54DST, xxx = 425 to 455 in steps of 5;  
DMxxxM10RT-B54DBT, xxx = 425 to 455 in steps of 5;  
DMxxxM10RT-B54DBB, xxx = 425 to 455 in steps of 5;  
DMxxxM10RT-B54DSW-P, xxx = 425 to 455 in steps of 5;  
DMxxxM10RT-B54DBW-P, xxx = 425 to 455 in steps of 5;  
DMxxxM10RT-B54DST-P, xxx = 425 to 455 in steps of 5;  
DMxxxM10RT-B54DBT-P, xxx = 425 to 455 in steps of 5;  
DMxxxM10RT-B54DBB-P, xxx = 425 to 455 in steps of 5;  
DMxxxM10RT-B54DSW-L, xxx = 425 to 455 in steps of 5;  
DMxxxM10RT-B54DBW-L, xxx = 425 to 455 in steps of 5;  
DMxxxM10RT-B54DST-L, xxx = 425 to 455 in steps of 5;  
DMxxxM10RT-B54DBT-L, xxx = 425 to 455 in steps of 5;  
DMxxxM10RT-B54DBB-L, xxx = 425 to 455 in steps of 5;  
DMxxxM10RT-B54DSW-LP, xxx = 425 to 455 in steps of 5;  
DMxxxM10RT-B54DBW-LP, xxx = 425 to 455 in steps of 5;  
DMxxxM10RT-B54DST-LP, xxx = 425 to 455 in steps of 5;  
DMxxxM10RT-B54DBT-LP, xxx = 425 to 455 in steps of 5;

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DMxxxM10RT-B54DBB-LP, xxx = 425 to 455 in steps of 5;  
DMxxxM10RT-B36DSW, xxx = 285 to 300 in steps of 5;  
DMxxxM10RT-B36DBW, xxx = 285 to 300 in steps of 5;  
DMxxxM10RT-B36DBT, xxx = 285 to 300 in steps of 5;  
DMxxxM10RT-B32DSW, xxx = 255 to 270 in steps of 5;  
DMxxxM10RT-B32DBW, xxx = 255 to 270 in steps of 5;  
DMxxxM10RT-B32DBT, xxx = 255 to 270 in steps of 5;  
DMxxxG12RT-B78HSW, xxx = 710 to 755 in steps of 5;  
DMxxxG12RT-B78HST, xxx = 710 to 755 in steps of 5;  
DMxxxG12RT-B78HBW, xxx = 710 to 755 in steps of 5;  
DMxxxG12RT-B78HBT, xxx = 710 to 755 in steps of 5;  
DMxxxG12RT-B78HBB, xxx = 710 to 755 in steps of 5;  
DMxxxG12RT-B66HSW, xxx = 590 to 655 in steps of 5;  
DMxxxG12RT-B66HBW, xxx = 590 to 655 in steps of 5;  
DMxxxG12RT-B66HST, xxx = 590 to 655 in steps of 5;  
DMxxxG12RT-B66HBT, xxx = 590 to 655 in steps of 5;  
DMxxxG12RT-B66HBB, xxx = 590 to 655 in steps of 5;  
DMxxxG12RT-B66HSW-P, xxx = 590 to 655 in steps of 5;  
DMxxxG12RT-B66HST-P, xxx = 590 to 655 in steps of 5;  
DMxxxG12RT-B66HBW-P, xxx = 590 to 655 in steps of 5;  
DMxxxG12RT-B66HBT-P, xxx = 590 to 655 in steps of 5;  
DMxxxG12RT-B66HBB-P, xxx = 590 to 655 in steps of 5;  
GHxxxG12RT-B66HSW, xxx = 590 to 655 in steps of 5;  
GHxxxG12RT-B66HST, xxx = 590 to 655 in steps of 5;  
GHxxxG12RT-B66HBW, xxx = 590 to 655 in steps of 5;  
GHxxxG12RT-B66HBT, xxx = 590 to 655 in steps of 5;  
GHxxxG12RT-B66HBB, xxx = 590 to 655 in steps of 5;  
DMxxxG12RT-B54HSW, xxx = 485 to 530 in steps of 5;  
DMxxxG12RT-B54HST, xxx = 485 to 530 in steps of 5;  
DMxxxG12RT-B54HBW, xxx = 485 to 530 in steps of 5;  
DMxxxG12RT-B54HBT, xxx = 485 to 530 in steps of 5;  
DMxxxG12RT-B54HBB, xxx = 485 to 530 in steps of 5;  
DMxxxG12RT-B54HSW-P, xxx = 485 to 530 in steps of 5;  
DMxxxG12RT-B54HST-P, xxx = 485 to 530 in steps of 5;  
DMxxxG12RT-B54HBW-P, xxx = 485 to 530 in steps of 5;  
DMxxxG12RT-B54HBT-P, xxx = 485 to 530 in steps of 5;  
DMxxxG12RT-B54HBB-P, xxx = 485 to 530 in steps of 5;  
GHxxxG12RT-B54HSW, xxx = 485 to 530 in steps of 5;  
GHxxxG12RT-B54HST, xxx = 485 to 530 in steps of 5;  
GHxxxG12RT-B54HBW, xxx = 485 to 530 in steps of 5;  
GHxxxG12RT-B54HBT, xxx = 485 to 530 in steps of 5;  
GHxxxG12RT-B54HBB, xxx = 485 to 530 in steps of 5;  
DMxxxG12RT-B48HSW, xxx = 435 to 470 in steps of 5;  
DMxxxG12RT-B48HST, xxx = 435 to 470 in steps of 5;  
DMxxxG12RT-B48HBW, xxx = 435 to 470 in steps of 5;  
DMxxxG12RT-B48HBT, xxx = 435 to 470 in steps of 5;  
DMxxxG12RT-B48HBB, xxx = 435 to 470 in steps of 5;  
DMxxxG12RT-B48HSW-P, xxx = 435 to 470 in steps of 5;  
DMxxxG12RT-B48HST-P, xxx = 435 to 470 in steps of 5;  
DMxxxG12RT-B48HBW-P, xxx = 435 to 470 in steps of 5;  
DMxxxG12RT-B48HBT-P, xxx = 435 to 470 in steps of 5;  
DMxxxG12RT-B48HBB-P, xxx = 435 to 470 in steps of 5;  
GHxxxG12RT-B48HSW, xxx = 435 to 470 in steps of 5;  
GHxxxG12RT-B48HST, xxx = 435 to 470 in steps of 5;  
GHxxxG12RT-B48HBW, xxx = 435 to 470 in steps of 5;  
GHxxxG12RT-B48HBT, xxx = 435 to 470 in steps of 5;  
GHxxxG12RT-B48HBB, xxx = 435 to 470 in steps of 5;  
DMxxxG12RT-B48HSW-L, xxx = 435 to 470 in steps of 5;  
DMxxxG12RT-B48HST-L, xxx = 435 to 470 in steps of 5;  
DMxxxG12RT-B48HBW-L, xxx = 435 to 470 in steps of 5;  
DMxxxG12RT-B48HBT-L, xxx = 435 to 470 in steps of 5;  
DMxxxG12RT-B48HBB-L, xxx = 435 to 470 in steps of 5;

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DMxxxG12RT-B48HSW-LP, xxx = 435 to 470 in steps of 5;  
DMxxxG12RT-B48HST-LP, xxx = 435 to 470 in steps of 5;  
DMxxxG12RT-B48HBW-LP, xxx = 435 to 470 in steps of 5;  
DMxxxG12RT-B48HBT-LP, xxx = 435 to 470 in steps of 5;  
DMxxxG12RT-B48HBB-LP, xxx = 435 to 470 in steps of 5;  
GHxxxG12RT-B48HSW-L, xxx = 435 to 470 in steps of 5;  
GHxxxG12RT-B48HST-L, xxx = 435 to 470 in steps of 5;  
GHxxxG12RT-B48HBW-L, xxx = 435 to 470 in steps of 5;  
GHxxxG12RT-B48HBT-L, xxx = 435 to 470 in steps of 5;  
GHxxxG12RT-B48HBB-L, xxx = 435 to 470 in steps of 5;  
GHxxxG12RT-B44HST, xxx = 395 to 430 in steps of 5;  
GHxxxG12RT-B40HST, xxx = 360 to 390 in steps of 5;  
DMxxxG12T-B66HSW, xxx = 675 to 720 in steps of 5;  
DMxxxG12T-B66HST, xxx = 675 to 720 in steps of 5;  
DMxxxG12T-B66HBW, xxx = 675 to 720 in steps of 5;  
DMxxxG12T-B66HBT, xxx = 675 to 720 in steps of 5;  
DMxxxG12T-B66HBB, xxx = 675 to 720 in steps of 5;  
DMxxxG12T-B66HSW-P, xxx = 675 to 720 in steps of 5;  
DMxxxG12T-B66HST-P, xxx = 675 to 720 in steps of 5;  
DMxxxG12T-B66HBW-P, xxx = 675 to 720 in steps of 5;  
DMxxxG12T-B66HBT-P, xxx = 675 to 720 in steps of 5;  
DMxxxG12T-B66HBB-P, xxx = 675 to 720 in steps of 5;  
GHxxxG12T-B66HSW, xxx = 675 to 720 in steps of 5;  
GHxxxG12T-B66HST, xxx = 675 to 720 in steps of 5;  
GHxxxG12T-B66HBW, xxx = 675 to 720 in steps of 5;  
GHxxxG12T-B66HBT, xxx = 675 to 720 in steps of 5;  
GHxxxG12T-B66HBB, xxx = 675 to 720 in steps of 5;  
DMxxxM10T-G78HSW, xxx = 590 to 660 in steps of 5;  
DMxxxM10T-G78HBW, xxx = 590 to 660 in steps of 5;  
DMxxxM10T-G78HBB, xxx = 590 to 660 in steps of 5;  
DMxxxM10T-G78HSW-P, xxx = 590 to 660 in steps of 5;  
DMxxxM10T-G78HBW-P, xxx = 590 to 660 in steps of 5;  
DMxxxM10T-G78HBB-P, xxx = 590 to 660 in steps of 5;  
DMxxxM10T-G72HSW, xxx = 535 to 605 in steps of 5;  
DMxxxM10T-G72HBW, xxx = 535 to 605 in steps of 5;  
DMxxxM10T-G72HBB, xxx = 535 to 605 in steps of 5;  
DMxxxM10T-G72HSW-P, xxx = 535 to 605 in steps of 5;  
DMxxxM10T-G72HBW-P, xxx = 535 to 605 in steps of 5;  
DMxxxM10T-G72HBB-P, xxx = 535 to 605 in steps of 5;  
GHxxxM10T-G72HSW, xxx = 535 to 605 in steps of 5;  
GHxxxM10T-G72HBW, xxx = 535 to 605 in steps of 5;  
GHxxxM10T-G72HBB, xxx = 535 to 605 in steps of 5;  
DMxxxM10T-G66HSW, xxx = 500 to 555 in steps of 5;  
DMxxxM10T-G66HBW, xxx = 500 to 555 in steps of 5;  
DMxxxM10T-G66HBB, xxx = 500 to 555 in steps of 5;  
DMxxxM10T-G66HSW-P, xxx = 500 to 555 in steps of 5;  
DMxxxM10T-G66HBW-P, xxx = 500 to 555 in steps of 5;  
DMxxxM10T-G66HBB-P, xxx = 500 to 555 in steps of 5;  
GHxxxM10T-G66HSW, xxx = 500 to 555 in steps of 5;  
GHxxxM10T-G66HBW, xxx = 500 to 555 in steps of 5;  
GHxxxM10T-G66HBB, xxx = 500 to 555 in steps of 5;  
GHxxxM10T-G66HSW-C, xxx = 500 to 555 in steps of 5;  
DMxxxM10T-G60HSW, xxx = 450 to 505 in steps of 5;  
DMxxxM10T-G60HBB, xxx = 450 to 505 in steps of 5;  
DMxxxM10T-G60HBW, xxx = 450 to 505 in steps of 5;  
DMxxxM10T-G60HSW-P, xxx = 450 to 505 in steps of 5;  
DMxxxM10T-G60HBW-P, xxx = 450 to 505 in steps of 5;  
DMxxxM10T-G60HBB-P, xxx = 450 to 505 in steps of 5;  
GHxxxM10T-G60HSW, xxx = 450 to 505 in steps of 5;  
GHxxxM10T-G60HBW, xxx = 450 to 505 in steps of 5;  
GHxxxM10T-G60HBB, xxx = 450 to 505 in steps of 5;  
DMxxxM10T-G54HSW, xxx = 405 to 455 in steps of 5;

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DMxxxM10T-G54HBW, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-G54HBB, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-G54HSW-P, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-G54HBW-P, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-G54HBB-P, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-G54HSW-L, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-G54HBW-L, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-G54HBB-L, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-G54HSW-LP, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-G54HBW-LP, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-G54HBB-LP, xxx = 405 to 455 in steps of 5;  
GHxxxM10T-G54HSW, xxx = 405 to 455 in steps of 5;  
GHxxxM10T-G54HBW, xxx = 405 to 455 in steps of 5;  
GHxxxM10T-G54HBB, xxx = 405 to 455 in steps of 5;  
DMxxxM10T-G36HBB, xxx = 270 to 300 in steps of 5;  
DMxxxM10T-G36ZBB, xxx = 270 to 300 in steps of 5;  
GHxxxM10T-G36HBB, xxx = 270 to 300 in steps of 5;  
GHxxxM10T-G36ZBB, xxx = 270 to 300 in steps of 5;  
DMxxxM10T-G32HBB, xxx = 250 to 270 in steps of 5;  
DMxxxM10T-G32ZBB, xxx = 250 to 270 in steps of 5;  
GHxxxM10T-G32HSW, xxx = 250 to 270 in steps of 5;  
GHxxxM10T-G32HBW, xxx = 250 to 270 in steps of 5;  
GHxxxM10T-G32HBB, xxx = 250 to 270 in steps of 5;  
GHxxxM10T-G32ZBB, xxx = 250 to 270 in steps of 5;  
DMxxxM10RT-G60HSW, xxx = 475 to 520 in steps of 5;  
DMxxxM10RT-G60HBW, xxx = 475 to 520 in steps of 5;  
DMxxxM10RT-G60HBB, xxx = 475 to 520 in steps of 5;  
DMxxxM10RT-G60HSW-P, xxx = 475 to 520 in steps of 5;  
DMxxxM10RT-G60HBW-P, xxx = 475 to 520 in steps of 5;  
DMxxxM10RT-G60HBB-P, xxx = 475 to 520 in steps of 5;  
DMxxxM10RT-G54HSW, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-G54HBW, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-G54HBB, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-G54HSW-P, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-G54HBW-P, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-G54HBB-P, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-G54HSW-L, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-G54HBW-L, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-G54HBB-L, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-G54HSW-LP, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-G54HBW-LP, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-G54HBB-LP, xxx = 425 to 465 in steps of 5;  
GHxxxM10RT-G54HSW, xxx = 425 to 465 in steps of 5;  
GHxxxM10RT-G54HBW, xxx = 425 to 465 in steps of 5;  
GHxxxM10RT-G54HBB, xxx = 425 to 465 in steps of 5;  
DMxxxM10RT-G32HSW, xxx = 255 to 275 in steps of 5;  
DMxxxM10RT-G32HBW, xxx = 255 to 275 in steps of 5;  
DMxxxM10RT-G32HBB, xxx = 255 to 275 in steps of 5;  
GHxxxM10RT-G32HSW, xxx = 255 to 275 in steps of 5;  
GHxxxM10RT-G32HBW, xxx = 255 to 275 in steps of 5;  
GHxxxM10RT-G32HBB, xxx = 255 to 275 in steps of 5;  
DMxxxM10RT-G27HBW, xxx = 225 to 234 in steps of 1;  
DMxxxM10RT-G36DBB, xxx = 285 to 300 in steps of 5;  
DMxxxM10RT-G32DBB, xxx = 255 to 270 in steps of 5;  
DMxxxG12RT-G66HSW, xxx = 590 to 655 in steps of 5;  
DMxxxG12RT-G66HBW, xxx = 590 to 655 in steps of 5;  
DMxxxG12RT-G66HBB, xxx = 590 to 655 in steps of 5;  
DMxxxG12RT-G66HSW-P, xxx = 590 to 655 in steps of 5;  
DMxxxG12RT-G66HBW-P, xxx = 590 to 655 in steps of 5;  
DMxxxG12RT-G66HBB-P, xxx = 590 to 655 in steps of 5;  
GHxxxG12RT-G66HSW, xxx = 590 to 655 in steps of 5;  
GHxxxG12RT-G66HBW, xxx = 590 to 655 in steps of 5;

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GHxxxG12RT-G66HBB, xxx = 590 to 655 in steps of 5;  
 DMxxxG12RT-G54HSW, xxx = 485 to 530 in steps of 5;  
 DMxxxG12RT-G54HBW, xxx = 485 to 530 in steps of 5;  
 DMxxxG12RT-G54HBB, xxx = 485 to 530 in steps of 5;  
 DMxxxG12RT-G54HSW-P, xxx = 485 to 530 in steps of 5;  
 DMxxxG12RT-G54HBW-P, xxx = 485 to 530 in steps of 5;  
 DMxxxG12RT-G54HBB-P, xxx = 485 to 530 in steps of 5;  
 GHxxxG12RT-G54HSW, xxx = 485 to 530 in steps of 5;  
 GHxxxG12RT-G54HBW, xxx = 485 to 530 in steps of 5;  
 GHxxxG12RT-G54HBB, xxx = 485 to 530 in steps of 5;  
 DMxxxG12RT-G48HSW, xxx = 435 to 470 in steps of 5;  
 DMxxxG12RT-G48HBW, xxx = 435 to 470 in steps of 5;  
 DMxxxG12RT-G48HBB, xxx = 435 to 470 in steps of 5;  
 DMxxxG12RT-G48HSW-P, xxx = 435 to 470 in steps of 5;  
 DMxxxG12RT-G48HBW-P, xxx = 435 to 470 in steps of 5;  
 DMxxxG12RT-G48HBB-P, xxx = 435 to 470 in steps of 5;  
 GHxxxG12RT-G48HSW, xxx = 435 to 470 in steps of 5;  
 GHxxxG12RT-G48HBW, xxx = 435 to 470 in steps of 5;  
 GHxxxG12RT-G48HBB, xxx = 435 to 470 in steps of 5;  
 DMxxxG12RT-G48HSW-L, xxx = 435 to 470 in steps of 5;  
 DMxxxG12RT-G48HBW-L, xxx = 435 to 470 in steps of 5;  
 DMxxxG12RT-G48HBB-L, xxx = 435 to 470 in steps of 5;  
 DMxxxG12RT-G48HSW-LP, xxx = 435 to 470 in steps of 5;  
 DMxxxG12RT-G48HBW-LP, xxx = 435 to 470 in steps of 5;  
 DMxxxG12RT-G48HBB-LP, xxx = 435 to 470 in steps of 5;  
 GHxxxG12RT-G48HSW-L, xxx = 435 to 470 in steps of 5;  
 GHxxxG12RT-G48HBW-L, xxx = 435 to 470 in steps of 5;  
 GHxxxG12RT-G48HBB-L, xxx = 435 to 470 in steps of 5;  
 xxx is standing for rated output power at STC

## Parameters:

Test Laboratory:	Zhejiang HJE Co., Ltd. 3-4/F., Building 1, No. 3556, Linggongtang Road, Nanhu District Jiaxing, Zhejiang, China
Construction:	Framed, with Junction box, Cable and Connectors.
Safety Class:	Class II
Maximum System Voltage:	1500 V DC
Fire Safety Class:	Class C or Class A according to UL 790

## Tested according to:

IEC 61215-1:2021  
 EN IEC 61215-1:2021/AC:2021  
 IEC 61215-1-1:2021  
 EN IEC 61215-1-1:2021  
 IEC 61215-2:2021  
 EN IEC 61215-2:2021  
 IEC 61730-1:2023  
 IEC 61730-2:2023