

可変速駆動システム標準化委員会（兼 IEC SC22G (Adjustable speed electric drive systems incorporating semiconductor power converters) 国内委員会）

(1)担当する JEC 規格

JEC-2451	直流可変速駆動システム
JEC-2452	低圧交流可変速駆動システム
JEC-2453	高電圧交流可変速駆動システム

(2)担当する JIS

JIS C 4421	可変速駆動システム (PDS) - 電磁両立性 (EMC)要求事項及びその試験方法
JIS C 61800-5-1	可変速駆動システム (PDS) - 第 5-1 部：安全要求事項－電氣的, 熱的及びエネルギー

(3)IEC 活動

IEC 61800-1: Adjustable speed electrical power drive systems - Part 1: General requirements - Rating specifications for low voltage adjustables speed d.c. power drive systems  
MT20

IEC 61800-2: Adjustable speed electrical power drive systems - Part 2: General requirements - Rating specifications for low voltage adjustable frequency A.C. power drive systems  
MT9 エキスパートが参画

IEC 61800-3: Adjustable speed electrical power drive systems - Part 3: EMC product standard including specific test methods  
MT7 エキスパートが参画

IEC 61800-4: Adjustable speed electrical power drive systems - Part 4: General requirements - Rating specifications for a.c. power drive systems above 1 000 V a.c. and not exceeding 35 kV

IEC 61800-5-1: Adjustable speed electrical power drive systems - Part 5-1: Safety requirements - Electrical, thermal and energy  
MT11 エキスパートが参画

IEC 61800-5-2: Adjustable speed electrical power drive systems - Part 5-2: Safety requirements – Functional  
MT12 エキスパートが参画

IEC 61800-5-3: Adjustable speed electrical power drive systems - Part 5-3: Safety requirements for encoders - Functional, Electrical and

Environmental

PT 61800-5-3 エキスパートが参画

IEC 61800-7-1: Adjustable speed electrical power drive systems - Part 7-1: Generic interface and use of profiles for power drive systems - Interface definition

MT16 エキスパートが参画

IEC 61800-9-1: Adjustable speed electrical power drive systems - Part 9-1: Ecodesign for power drive systems, motor starters, power electronics and their driven applications - General requirements for setting energy efficiency standards for power driven equipment using the extended product approach (EPA) and semi analytic model (SAM)

WG18 エキスパートが参画

IEC 61800-9-2: Adjustable speed electrical power drive systems - Part 9-2: Ecodesign for power drive systems, motor starters, power electronics and their driven applications - Energy efficiency indicators for power drive systems and motor starters

WG18 エキスパートが参画

IEC SC22G の関連 HP

[http://www.iec.ch/dyn/www/f?p=103:7:15635424500898:::7:FSP\\_ORG\\_ID,FSP\\_LANG\\_ID:1416,25](http://www.iec.ch/dyn/www/f?p=103:7:15635424500898:::7:FSP_ORG_ID,FSP_LANG_ID:1416,25)