## Solatek Fast Charging Station DC

SLTK-DCEV-(GB/T)20

Solatek DC Fast charging station offers Electric Vehicle owners an opportunity to charge their car safely and quickly. A typical electric car with 40kWh battery pack could be charged completely in about 120minutes\*\* (Depending on car's supported charging protocol speed).

Solatek combines industry standardization with advanced charging technology to support next-generation electric vehicles. Its multi-protocol design allows for easy tailoring to support CHAdeMO, CCS1 & CCS2, Tesla, and GB/T for DC fast charging applications. Payment & billing platform solutions enable easy and secure payments via station payment terminals and RFID card.



### High Voltage Charging Module

- Wide input voltage range: 323Vac~500Vac
- Ultra-wide output voltage range: 200VDC~1000VDC
- Constant output power: 20kW
- Fan intelligent speed regulation; fan failure detection alarm; LED failure alarm

#### Main Features

- Built-in safety measures
- Galvanized cabinet
- User friendly interface
- Flexible multi-protocol design
- Tesla, CHAdeMO, CCS, GB/T Protocol compatible
- Durable enclosure
- Wide temperature range: -30°C to +65°C
- Data management and metering options
- RFID

## **Applications**



Highways



Parking



Service Station



Workplace



Fleet



# Specifications

Phase         3 Phase + Neutral + PE           Voltage         323-500 VAC           Frequency         45 - 55 HZ (10%±)           DC Nominal Output           Voltage         200 - 1000 VDC           Power         20KW (Constant Power)           Output Current         5 - 65 A           Electrical Parameter         Power Factor           Unequal Current Radio         \$ 5%           Stable Voltage Accuracy         \$ ± 0.5%           Stable Untrant Accuracy         \$ ± 1%           Efficiency         \$ 94% max           Soft Start Time         3 - 8 s           Auxiliary Power         \$ 100 W           Structure Design         Installation Method         Wall Mounted           Charging Outlet         GBT         GBT           Cable Length         5 m (Standard)         LED Indicator         Yes           LCD Screen         Colored LCD Screen         Emergency Stop Button         Yes           LCD Screen         Colored LCD Screen         Emergency Stop Button         Yes           Startup Mode         Plug-and-Play / RFID Card         RFID         Yes           Dimensions (W x D x H)         710x410x220 mm         Yes           Dimensions (W x D x H)         710x410x220 m	AC Nominal Input	
Voltage		3 Phase + Neutral + PF
Frequency  DC Nominal Output  Voltage  200 - 1000 VDC  Power  20KW (Constant Power)  Output Current  5 - 65 A  Electrical Parameter  Power Factor  Unequal Current Radio  \$ 5 \( \frac{5}{5}\) \	Voltage	Security of the Control of the Contr
DC Nominal Output       Voltage     200 - 1000 VDC       Power     20KW (Constant Power)       Output Current     5 - 65 A       Electrical Parameter       Power Factor     ≥ 0.99       Unequal Current Radio     ≤ 5%       Stable Voltage Accuracy     ≤ ± 1%       Efficiency     ≥ 94% max       Soft Start Time     3 - 8 s       Auxiliary Power     ≤ 100 W       Structure Design       Installation Method     Wall Mounted       Charging Outlet     GBT       Cable Length     5 m (Standard)       LED Indicator     Yes       LCD Screen     Colored LCD Screen       Emergency Stop Button     Yes       Startup Mode     Plug-and-Play / RFID Card       RFID     Yes       Dimensions (W x D x H)     710x410x220 mm       Weights     ≤ 40 kg       Communication     EN-GATE vs. Charger     CAN 2.0, GB /T       Network Connection     Ethernet, Wi-Fi, 3G, 4G       Communication Protocol     OCPP 1.5 / 1.6 (ISON)       Environmental Index     -30°C to 65°C       Working Humidity     5% -95% Without Condensation       Working Humidity     5% -95% Without Condensation       Working Humidity     5% -95% Without Condensation       Working Humidity <th></th> <th></th>		
Voltage     200 - 1000 VDC       Power     20KW (Constant Power)       Output Current     5 - 65 A       Electrical Parameter       Power Factor     ≥ 0.99       Unequal Current Radio     ≤ 5%       Stable Voltage Accuracy     ≤ ± 1.5%       Stable Current Accuracy     ≤ ± 1%       Efficiency     ≥ 94% max       Soft Start Time     3 - 8 s       Auxilliary Power     ≤ 100 W       Structure Design     Installation Method       Charging Outlet     GBT       Cable Length     5 m (Standard)       LED Indicator     Yes       LCD Screen     Colored LCD Screen       Emergency Stop Button     Yes       Startup Mode     Plug-and-Play / RFID Card       RFID     Yes       Dimensions (W x D x H)     710x410x220 mm       Weights     ≤ 40 kg       Communication     Ethernet, Wi-Fi, 3G, 4G       Communication     Ethernet, Wi-Fi, 3G, 4G       Communication Protocol     OCPP 1.5 / 1.6 (ISON)       Environmental Index     Operating & Storage Temperature     -30°C to 65°C       Working Humidity     5% -95% Without Condensation       Working Altitude     < 2000m       Protection Grade     IP54       Installation Environment     Indoor / Outdoor		43 33 112 (10/02)
Power     20KW (Constant Power)       Output Current     5 - 65 A       Electrical Parameter       Power Factor     ≥ 0.99       Unequal Current Radio     ≤ 5%       Stable Voltage Accuracy     ≤ ± 0.5%       Stable Current Accuracy     ≤ ± 1%       Efficiency     ≥ 94% max       Soft Start Time     3 - 8 s       Auxiliary Power     ≤ 100 W       Structure Design     Wall Mounted       Installation Method     Wall Mounted       Charging Outlet     GBT       Cable Length     5 m (Standard)       LED Indicator     Yes       LCD Screen     Colored LCD Screen       Emergency Stop Button     Yes       Startup Mode     Plug-and-Play / RFID Card       RFID     Yes       Dimensions (W x D x H)     710x410x220 mm       Weights     ≤ 40 kg       Communication     Ethernet, Wi-Fi, 3G, 4G       Communication     Ethernet, Wi-Fi, 3G, 4G       Communication Protocol     Environmental Index       Operating & Storage Temperature     -30°C to 65°C       Working Humidity     5% -95% Without Condensation       Working Altitude     < 2000m       Protection Grade     Indoor / Outdoor       Cooling Method     Fan Cooling (Liquid Cooling for Option) </th <th></th> <th>200 - 1000 VDC</th>		200 - 1000 VDC
Output Current         Electrical Parameter         Power Factor       ≥ 0.99         Unequal Current Radio       ≤ 5%         Stable Voltage Accuracy       ≤ ± 0.5%         Stable Current Accuracy       ≤ ± 1%         Efficiency       ≥ 94% max         Soft Start Time       3 - 8 s         Auxilliary Power       ≤ 100 W         Structure Design         Installation Method       Wall Mounted         Charging Outlet       GBT         Cable Length       5 m (Standard)         LED Indicator       Yes         LCD Screen       Colored LCD Screen         Emergency Stop Button       Yes         Startup Mode       Plug-and-Play / RFID Card         RFID       Yes         Dimensions (W x D x H)       710x410x220 mm         Weights       ≤ 40 kg         Communication         EN-GATE vs. Charger       CAN 2.0, GB /T         Network Connection       Ethernet, Wi-Fi, 3G, 4G         Communication Protocol       Environmental Index         Operating & Storage Temperature       -30°C to 65°C         Working Humidity       5% -95% Without Condensation         Working Altitude       < 2000m	Power	
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Unequal Current Radio       ≤ 5%         Stable Voltage Accuracy       ≤± 0.5%         Stable Current Accuracy       ≤± 1%         Efficiency       ≥ 94% max         Soft Start Time       3 - 8 s         Auxiliary Power       ≤ 100 W         Structure Design       Installation Method       Wall Mounted         Charging Outlet       GBT         Cable Length       5 m (Standard)         LED Indicator       Yes         LCD Screen       Colored LCD Screen         Emergency Stop Button       Yes         Startup Mode       Plug-and-Play / RFID Card         RFID       Yes         Dimensions (W x D x H)       710x410x220 mm         Weights       ≤ 40 kg         Communication       Ethernet, Wi-Fi, 3G, 4G         Communication       CAN 2.0, GB /T         Network Connection       Ethernet, Wi-Fi, 3G, 4G         Communication Protocol       OCPP 1.5 / 1.6 (ISON)         Environmental Index       Ocprating & Storage Temperature       -30°C to 65°C         Working Humidity       5% - 95% Without Condensation         Working Altitude       < 2000m         Protection Grade       IP54         Installation Environment       <	Electrical Parameter	
Stable Voltage Accuracy       ≤±0.5%         Stable Current Accuracy       ≤±1%         Efficiency       ≥94% max         Soft Start Time       3 - 8 s         Auxiliary Power       ≤100 W         Structure Design         Installation Method       Wall Mounted         Charging Outlet       GBT         Cable Length       5 m (Standard)         LED Indicator       Yes         LCD Screen       Colored LCD Screen         Emergency Stop Button       Yes         Startup Mode       Plug-and-Play / RFID Card         RFID       Yes         Dimensions (W x D x H)       710x410x220 mm         Weights       ≤ 40 kg         Communication         EN-GATE vs. Charger       CAN 2.0, GB /T         Network Connection       Ethernet, Wi-Fi, 3G, 4G         Communication Protocol       OCPP 1.5 / 1.6 (JSON)         Environmental Index       OCPP 1.5 / 1.6 (JSON)         Operating & Storage Temperature       -30°C to 65°C         Working Humidity       5% - 95% Without Condensation         Working Altitude       < 2000m         Protection Grade       IP54         Installation Environment       Indoor / Outdoor	Power Factor	≥ 0.99
Stable Current Accuracy       ≤± 1%         Efficiency       ≥ 94% max         Soft Start Time       3 - 8 s         Auxiliary Power       ≤ 100 W         Structure Design         Installation Method         Cable Length       GBT         Cable Length       5 m (Standard)         LED Indicator       Yes         LCD Screen       Colored LCD Screen         Emergency Stop Button       Yes         Startup Mode       Plug-and-Play / RFID Card         RFID       Yes         Dimensions (W x D x H)       710x410x220 mm         Weights       ≤ 40 kg         Communication         EN-GATE vs. Charger       CAN 2.0, GB /T         Network Connection       Ethernet, Wi-Fi, 3G, 4G         Communication Protocol       OCPP 1.5 / 1.6 (JSON)         Environmental Index       -30°C to 65°C         Working Humidity       5% - 95% Without Condensation         Working Altitude       < 2000m         Protection Grade       IP54         Installation Environment       Indoor / Outdoor         Cooling Method       Fan Cooling (Liquid Cooling for Option)	Unequal Current Radio	≤ 5%
Efficiency ≥ 94% max  Soft Start Time 3 - 8 s  Auxiliary Power ≤ 100 W  Structure Design  Installation Method Wall Mounted  Charging Outlet GBT  Cable Length 5 m (Standard)  LED Indicator Yes  LCD Screen Colored LCD Screen  Emergency Stop Button Yes  Startup Mode Plug-and-Play / RFID Card  RFID Yes  Dimensions (W x D x H) 710x410x220 mm  Weights ≤ 40 kg  Communication  EN-GATE vs. Charger CAN 2.0, GB /T  Network Connection Ethernet, Wi-Fi, 3G, 4G  Communication Protocol CPP 1.5 / 1.6 (JSON)  Environmental Index  Operating & Storage Temperature 30°C to 65°C  Working Humidity 5% - 95% Without Condensation  Working Altitude < 2000m  Protection Grade IP54  Installation Environment  Cooling Method Fan Cooling (Liquid Cooling for Option)  Security Protection	Stable Voltage Accuracy	≤ ± 0.5%
Soft Start Time       3 - 8 s         Auxiliary Power       ≤ 100 W         Structure Design       Wall Mounted         Installation Method       Wall Mounted         Cable Length       5 m (Standard)         LED Indicator       Yes         LCD Screen       Colored LCD Screen         Emergency Stop Button       Yes         Startup Mode       Plug-and-Play / RFID Card         RFID       Yes         Dimensions (W x D x H)       710x410x220 mm         Weights       ≤ 40 kg         Communication       EN-GATE vs. Charger         EN-GATE vs. Charger       CAN 2.0, GB /T         Network Connection       Ethernet, Wi-Fi, 3G, 4G         Communication Protocol       OCPP 1.5 / 1.6 (ISON)         Environmental Index       Overating & Storage Temperature       -30°C to 65°C         Working Humidity       5% -95% Without Condensation         Working Altitude       < 2000m         Protection Grade       IP54         Installation Environment       Indoor / Outdoor         Cooling Method       Fan Cooling (Liquid Cooling for Option)	Stable Current Accuracy	≤± 1%
Auxiliary Power ≤ 100 W  Structure Design  Installation Method Wall Mounted  Charging Outlet GBT  Cable Length 5 m (Standard)  LED Indicator Yes  LCD Screen Colored LCD Screen  Emergency Stop Button Yes  Startup Mode Plug-and-Play / RFID Card  RFID Yes  Dimensions (W x D x H) 710x410x220 mm  Weights ≤ 40 kg  Communication  EN-GATE vs. Charger CAN 2.0, GB /T  Network Connection Ethernet, Wi-Fi, 3G, 4G  Communication Protocol OCPP 1.5 / 1.6 (JSON)  Environmental Index  Operating & Storage Temperature -30°C to 65°C  Working Humidity S% - 95% Without Condensation  Working Altitude < 2000m  Protection Grade IP54  Installation Environment  Indoor / Outdoor  Cooling Method Fan Cooling (Liquid Cooling for Option)  Security Protection	Efficiency	≥ 94% max
Structure Design         Installation Method       Wall Mounted         Charging Outlet       GBT         Cable Length       5 m (Standard)         LED Indicator       Yes         LCD Screen       Colored LCD Screen         Emergency Stop Button       Yes         Startup Mode       Plug-and-Play / RFID Card         RFID       Yes         Dimensions (W x D x H)       710x410x220 mm         Weights       ≤ 40 kg         Communication       EN-GATE vs. Charger         Network Connection       Ethernet, Wi-Fi, 3G, 4G         Communication Protocol       OCPP 1.5 / 1.6 (JSON)         Environmental Index       Operating & Storage Temperature       -30°C to 65°C         Working Humidity       5% - 95% Without Condensation         Working Altitude       < 2000m         Protection Grade       IP54         Installation Environment       Indoor / Outdoor         Cooling Method       Fan Cooling (Liquid Cooling for Option)	Soft Start Time	3 - 8 s
Installation Method       Wall Mounted         Charging Outlet       GBT         Cable Length       5 m (Standard)         LED Indicator       Yes         LCD Screen       Colored LCD Screen         Emergency Stop Button       Yes         Startup Mode       Plug-and-Play / RFID Card         RFID       Yes         Dimensions (W x D x H)       710x410x220 mm         Weights       ≤ 40 kg         Communication       EN-GATE vs. Charger         Network Connection       Ethernet, Wi-Fi, 3G, 4G         Communication Protocol       OCPP 1.5 / 1.6 (JSON)         Environmental Index       OPP 1.5 / 1.6 (JSON)         Operating & Storage Temperature       -30°C to 65°C         Working Humidity       5% - 95% Without Condensation         Working Altitude       < 2000m         Protection Grade       IP54         Installation Environment       Indoor / Outdoor         Cooling Method       Fan Cooling (Liquid Cooling for Option)         Security Protection	Auxiliary Power	≤ 100 W
Charging Outlet       GBT         Cable Length       5 m (Standard)         LED Indicator       Yes         LCD Screen       Colored LCD Screen         Emergency Stop Button       Yes         Startup Mode       Plug-and-Play / RFID Card         RFID       Yes         Dimensions (W x D x H)       710x410x220 mm         Weights       ≤ 40 kg         Communication       EN-GATE vs. Charger       CAN 2.0, GB /T         Network Connection       Ethernet, Wi-Fi, 3G, 4G         Communication Protocol       OCPP 1.5 / 1.6 (JSON)         Environmental Index       Operating & Storage Temperature       -30°C to 65°C         Working Humidity       5% - 95% Without Condensation         Working Altitude       < 2000m	Structure Design	
Cable Length       5 m (Standard)         LED Indicator       Yes         LCD Screen       Colored LCD Screen         Emergency Stop Button       Yes         Startup Mode       Plug-and-Play / RFID Card         RFID       Yes         Dimensions (W x D x H)       710x410x220 mm         Weights       ≤ 40 kg         Communication       CAN 2.0, GB /T         Network Connection       Ethernet, Wi-Fi, 3G, 4G         Communication Protocol       OCPP 1.5 / 1.6 (JSON)         Environmental Index       Operating & Storage Temperature       -30°C to 65°C         Working Humidity       5% - 95% Without Condensation         Working Altitude       < 2000m         Protection Grade       IP54         Installation Environment       Indoor / Outdoor         Cooling Method       Fan Cooling (Liquid Cooling for Option)         Security Protection	Installation Method	Wall Mounted
LED Indicator       Yes         LCD Screen       Colored LCD Screen         Emergency Stop Button       Yes         Startup Mode       Plug-and-Play / RFID Card         RFID       Yes         Dimensions (W x D x H)       710x410x220 mm         Weights       ≤ 40 kg         Communication       CAN 2.0, GB /T         Network Connection       Ethernet, Wi-Fi, 3G, 4G         Communication Protocol       OCPP 1.5 / 1.6 (JSON)         Environmental Index       Operating & Storage Temperature       -30°C to 65°C         Working Humidity       5% - 95% Without Condensation         Working Altitude       < 2000m	Charging Outlet	GBT
LCD Screen       Colored LCD Screen         Emergency Stop Button       Yes         Startup Mode       Plug-and-Play / RFID Card         RFID       Yes         Dimensions (W x D x H)       710x410x220 mm         Weights       ≤ 40 kg         Communication         EN-GATE vs. Charger       CAN 2.0, GB /T         Network Connection       Ethernet, Wi-Fi, 3G, 4G         Communication Protocol       OCPP 1.5 / 1.6 (JSON)         Environmental Index       Operating & Storage Temperature       -30°C to 65°C         Working Humidity       5% - 95% Without Condensation         Working Altitude       < 2000m	Cable Length	5 m (Standard)
Emergency Stop Button       Yes         Startup Mode       Plug-and-Play / RFID Card         RFID       Yes         Dimensions (W x D x H)       710x410x220 mm         Weights       ≤ 40 kg         Communication       CAN 2.0, GB /T         Network Connection       Ethernet, Wi-Fi, 3G, 4G         Communication Protocol       OCPP 1.5 / 1.6 (JSON)         Environmental Index       Operating & Storage Temperature       -30°C to 65°C         Working Humidity       5% - 95% Without Condensation         Working Altitude       < 2000m	LED Indicator	Yes
Startup Mode       Plug-and-Play / RFID Card         RFID       Yes         Dimensions (W x D x H)       710x410x220 mm         Weights       ≤ 40 kg         Communication       EN-GATE vs. Charger       CAN 2.0, GB /T         Network Connection       Ethernet, Wi-Fi, 3G, 4G         Communication Protocol       OCPP 1.5 / 1.6 (JSON)         Environmental Index       Operating & Storage Temperature       -30°C to 65°C         Working Humidity       5% - 95% Without Condensation         Working Altitude       < 2000m	LCD Screen	Colored LCD Screen
RFID  Dimensions (W x D x H)  Ves  Dimensions (W x D x H)  Veights  Communication  EN-GATE vs. Charger  Network Connection  Environmental Index  Operating & Storage Temperature  Vorking Humidity  Ves  Total Author (JSON)  Total Colons  Total Colons  Protection Grade  Indoor / Outdoor  Cooling Method  Fan Cooling (Liquid Cooling for Option)  Security Protection	<b>Emergency Stop Button</b>	Yes
Dimensions (W x D x H)       710x410x220 mm         Weights       ≤ 40 kg         Communication       EN-GATE vs. Charger       CAN 2.0, GB /T         Network Connection       Ethernet, Wi-Fi, 3G, 4G         Communication Protocol       OCPP 1.5 / 1.6 (JSON)         Environmental Index       -30°C to 65°C         Working Humidity       5% - 95% Without Condensation         Working Altitude       < 2000m         Protection Grade       IP54         Installation Environment       Indoor / Outdoor         Cooling Method       Fan Cooling (Liquid Cooling for Option)         Security Protection	Startup Mode	Plug-and-Play / RFID Card
Weights       ≤ 40 kg         Communication         EN-GATE vs. Charger       CAN 2.0, GB /T         Network Connection       Ethernet, Wi-Fi, 3G, 4G         Communication Protocol       OCPP 1.5 / 1.6 (JSON)         Environmental Index         Operating & Storage Temperature       -30°C to 65°C         Working Humidity       5% - 95% Without Condensation         Working Altitude       < 2000m         Protection Grade       IP54         Installation Environment       Indoor / Outdoor         Cooling Method       Fan Cooling (Liquid Cooling for Option)         Security Protection	RFID	Yes
Communication  EN-GATE vs. Charger  CAN 2.0, GB /T  Network Connection  Ethernet, Wi-Fi, 3G, 4G  Communication Protocol  COPP 1.5 / 1.6 (JSON)  Environmental Index  Operating & Storage Temperature  -30°C to 65°C  Working Humidity  S% - 95% Without Condensation  Vorking Altitude  -2000m  Protection Grade  Installation Environment  Indoor / Outdoor  Cooling Method  Security Protection	Dimensions (W x D x H)	710x410x220 mm
EN-GATE vs. Charger  Network Connection  Ethernet, Wi-Fi, 3G, 4G  Communication Protocol  OCPP 1.5 / 1.6 (JSON)  Environmental Index  Operating & Storage Temperature  -30°C to 65°C  Working Humidity  5% - 95% Without Condensation  Working Altitude  < 2000m  Protection Grade  Installation Environment  Indoor / Outdoor  Cooling Method  Security Protection	Weights	≤ 40 kg
Network ConnectionEthernet, Wi-Fi, 3G, 4GCommunication ProtocolOCPP 1.5 / 1.6 (JSON)Environmental Index-30°C to 65°COperating & Storage Temperature-30°C to 65°CWorking Humidity5% - 95% Without CondensationWorking Altitude< 2000mProtection GradeIP54Installation EnvironmentIndoor / OutdoorCooling MethodFan Cooling (Liquid Cooling for Option)Security Protection	Communication	
Communication Protocol  Environmental Index  Operating & Storage Temperature  -30°C to 65°C  Working Humidity  5% - 95% Without Condensation  Working Altitude  -2000m  Protection Grade  Installation Environment  Cooling Method  Security Protection  OCPP 1.5 / 1.6 (JSON)  -30°C to 65°C  -30°C to 65°C  -30°C to 65°C  Indoor / 0000000000000000000000000000000000	EN-GATE vs. Charger	CAN 2.0, GB /T
Environmental Index Operating & Storage Temperature  -30°C to 65°C  Working Humidity  5% - 95% Without Condensation  Vorking Altitude  -2000m  Protection Grade  IP54  Installation Environment  Indoor / Outdoor  Cooling Method  Fan Cooling (Liquid Cooling for Option)  Security Protection	Network Connection	Ethernet, Wi-Fi, 3G, 4G
Operating & Storage Temperature  -30°C to 65°C  Working Humidity  5% - 95% Without Condensation  Vorking Altitude  < 2000m  Protection Grade  Installation Environment  Indoor / Outdoor  Cooling Method  Security Protection  -30°C to 65°C  5% - 95% Without Condensation  Indoor / Outdoor  Fan Cooling (Liquid Cooling for Option)	Communication Protocol	OCPP 1.5 / 1.6 (JSON)
Working Humidity  Working Altitude  Protection Grade  Installation Environment  Cooling Method  Security Protection  5% - 95% Without Condensation <a href="mailto:right-point">right-point</a> Fan Cooling (Liquid Cooling for Option)	Environmental Index	
Working Altitude < 2000m  Protection Grade IP54  Installation Environment Indoor / Outdoor  Cooling Method Fan Cooling (Liquid Cooling for Option)  Security Protection	Operating & Storage Temperature	-30°C to 65°C
Protection Grade IP54 Installation Environment Indoor / Outdoor Cooling Method Fan Cooling (Liquid Cooling for Option) Security Protection	Working Humidity	5% - 95% Without Condensation
Installation Environment  Cooling Method  Security Protection  Indoor / Outdoor  Fan Cooling (Liquid Cooling for Option)		< 2000m
Cooling Method Fan Cooling (Liquid Cooling for Option)  Security Protection		IP54
Security Protection		Indoor / Outdoor
		Fan Cooling (Liquid Cooling for Option)
Over / Under Voltage Protection Overland	Security Protection	
Multiple Protection  Protection, Short Circuit Protection Over / Under Temperature Protection, Surge Protection, Communication Failure	Multiple Protection	Over / Under Temperature Protection, Surge
MTBF 1000,000 Hours	MTBF	

