

BATTERY CHARGERS

24-36-48-80-90-96-110VDC / 30-750A



FEATURES

- Supports both lead-acid and lithium batteries
- Output voltage range: 24-110VDC
- Output Current range: 30 to 750A
- Modular structure with parallel operating modules
- High output power, fast charging
- 4 different standard dimensions
- Power levels up to 400kW on special request
- High efficiency, up to 97.4%
- Wide operating voltage range (85-264VAC)
- Charge control module available
- Internet monitoring & control
- Mobile phone APP support
- Wide operating temperature range
- Low / high mains voltage protections
- Output overload and short circuit protections
- High temperature protection
- Very good load and line regulations
- Safety and EMC feature conformal to EU standards
- 10-year repair and spare part warranty

DESCRIPTION

DATAKOM DCP series are state of the art high capacity and high efficiency battery chargers designed to charge batteries of various voltage and current ratings. These series feature latest technology silicon carbide based semiconductors.

Chargers have modular structure and contain 1 to 10 independent modular charging units following different models. On special request, charging systems containing up to 100 modules and reaching 400kW may be assembled.

Modular chargers feature active load sharing through Canbus communication.

The modular structure provides redundancy for better reliability. Even if a module fails, other modules continue charging the batteries.

The charger is protected against abnormal operating conditions including low/high supply voltage, overload, short circuit and high temperature. In case of overheating, the charger will automatically reduce its output current and continue normal operation.

The cooling is performed with internal fan. Thanks to the high efficiency, the need for fan is minimized.

The charge control module starts and stops the charge and provides the required charging characteristic. The programming is also performed through this unit.

With the optional GSM modem, the charge control module may be remotely monitored and controlled. The mobile phone APP is also available free of charge.



CE EAC RoHS



SINGLE MODULE BATTERY CHARGERS



24V / 100A

36V / 100A

48V / 75A

80V / 50A

TECHNICAL SPECIFICATIONS

INPUT	DCP 24V 100A	DCP 36V 100A	DCP 48V 75A	DCP 80V 50A
Technology	Totem Pole PFC			
Voltage Range	85-264Vac			
Frequency Range	45-68Hz			
Connection	Single Phase (Phase-Neutral-Earth)			
Maximum Current	< 14Aac	< 21Aac		
Power Factor	>= %99 (230Vac-%50 load and above)			
Harmonic Distortion	< %8			
Output Power Derating	207-264Vac full power, 85-207Vac limited by “Max Input Current per module			
Maximum Input Power	< 3000 Watt	< 4300 Watt		
Inrush Current	< 10Aac			
Overvoltage Protection	Stops operation at 285Vac, protections set to 300Vac			
Undervoltage Protection	< 85Vac			

OUTPUT	DCP 24V 100A	DCP 36V 100A	DCP 48V 75A	DCP 80V 50A
Technology	LLC Resonant DC-DC converter			
Peak Efficiency (230Vac)	%96 @25.6Vdc	%96.5 @38.4Vdc	%97.3 @54Vdc	%97.3 @ 83.2Vdc
Output Voltage Range	21.60 – 29.00Vdc	32.40 - 43.50Vdc	43.20 - 58.00Vdc	70.20 – 94.00Vdc
Max. Output Power (cont.)	2700Watt	4000Watt	4000Watt	4000Watt
Max. Output Current (cont.)	100A	100A	75A	50A
Cabling	2x35mm ² + Canbus		2x25mm ² + Canbus	2x16mm ² + Canbus
Output Voltage Regulation	0.4%			
Output Ripple	50mVpp			
Output Noise	< 10mVrms			
Short Circuit Current (cont.)	< 20A	< 20A	< 10A	< 10A
Overvoltage Protection	Output turns off (automatic restart)			
High Temperature Protection	Limits internal temperature to 85°C			

AMBIENT	DCP 24V 100A	DCP 36V 100A	DCP 48V 75A	DCP 80V 50A
Operating Temp. Range	Full power between -40°C and +40°C, derates up to +70°C			
Storage Temp. Range	-40°C to +80°C			
Relative Humidity	%20 to %90 (non-condensing)			
Operating Altitude	0 – 2000m			
Cooling	Forced cooling with internal fan			
Acoustic Noise	< 50dB (@1 meter)			

GENERAL	DCP 24V 100A	DCP 36V 100A	DCP 48V 75A	DCP 80V 50A
MTBF (Telcordia SR-332 Issue I, method III(a) (Amb.Temp.:25 °C)	> 300'000 hours			
Isolation (input-output)	2150Vac			
Isolation (input-earth)	1650Vac			
Isolation (output-earth)	500Vac			
Dimensions (WxHxD)	374x114x227mm			
Weight (including cables)	4.5kg (approximative)			
IP Protection Degree	IP20			
Safety	EN 62368-1			
EMC	EN55022, EN55024, EN61000-3-2, 61000-3-3			

SINGLE MODULE BATTERY CHARGERS



90V / 40A

96V / 35A

110V / 30A

TECHNICAL SPECIFICATIONS

INPUT	DCP 90V 40A	DCP 96V 35A	DCP 110V 30A
Technology	Totem Pole PFC		
Voltage Range	85-264Vac		
Frequency Range	45-68Hz		
Connection	Single Phase (Phase-Neutral-Earth)		
Maximum Current	< 21Aac		
Power Factor	>= %99 (230Vac-%50 load and above)		
Harmonic Distortion	< %8		
Output Power Derating	207-264Vac full power, 85-207Vac limited by "Max Input Current per module		
Maximum Input Power	< 4300 Watt		
Inrush Current	< 10Aac		
Overvoltage Protection	Stops operation at 285Vac, protections set to 300Vac		
Undervoltage Protection	< 85Vac		

OUTPUT	DCP 90V 40A	DCP 96V 35A	DCP 110V 30A
Technology	LLC Resonant DC-DC converter		
Peak Efficiency (230Vac)	%97.3@96Vdc	%97.3 @102.4Vdc	%97.4 @115,2Vdc
Output Voltage Range	81.00 – 109.00Vdc	86.40 – 116.00Vdc	97.20 - 130.00Vdc
Max. Output Power (cont.)	4000Watt	4000Watt	4000Watt
Max. Output Current (cont.)	40A	35A	30A
Cabling	2x10mm ² + Canbus		
Output Voltage Regulation	0.4%		
Output Ripple	100mVpp		
Output Noise	< 20mVrms		
Short Circuit Current (cont.)	< 10A	< 10A	< 10A
Overvoltage Protection	Output turns off (automatic restart)		
High Temperature Protection	Limits internal temperature to 85°C		

AMBIENT	DCP 90V 40A	DCP 96V 35A	DCP 110V 30A
Operating Temp. Range	Full power between -40°C and +40°C, derates up to +70°C		
Storage Temp. Range	-40°C to +80°C		
Relative Humidity	%20 to %90 (non-condensing)		
Operating Altitude	0 – 2000m		
Cooling	Forced cooling with internal fan		
Acoustic Noise	< 50dB (@1 meter)		

GENERAL	DCP 90V 40A	DCP 96V 35A	DCP 110V 30A
MTBF (Telcordia SR-332 Issue I, method III(a) (Amb.Temp.:25 °C)	> 300'000 hours		
Isolation (input-output)	2150Vac		
Isolation (input-earth)	1650Vac		
Isolation (output-earth)	500Vac		
Dimensions (WxHxD)	374x114x227mm		
Weight (including cables)	4.5kg (approximative)		
IP Protection Degree	IP20		
Safety	EN 62368-1		
EMC	EN55022, EN55024, EN61000-3-2, 61000-3-3		

3 MODULE BATTERY CHARGERS



24V / 225A

36V / 225A

48V / 200A

48V / 225A

TECHNICAL SPECIFICATIONS

INPUT	DCP 24V 225A	DCP 36V 225A	DCP 48V 200A	DCP 48V 225A
Technology	Totem Pole PFC			
Voltage Range	85-264Vac			
Frequency Range	45-68Hz			
Connection	3 Phase (3xPhase-Neutral-Earth)			
Maximum Current	< 3x11Aac		< 3x21Aac	
Power Factor	>= %99 (230Vac-%50 load and above)			
Harmonic Distortion	< %8			
Output Power Derating	207-264Vac full power, 85-207Vac limited by "Max Input Current per module"			
Maximum Input Power	< 7'000Watt	10'500Watt		< 13'000Watt
Inrush Current	< 10Aac (per phase)			
Overvoltage Protection	Stops operation at 285Vac, protections set to 300Vac			
Undervoltage Protection	< 85Vac			

OUTPUT	DCP 24V 225A	DCP 36V 225A	DCP 48V 200A	DCP 48V 225A
Technology	LLC Resonant DC-DC converter			
Peak Efficiency (230Vac)	%96 @27Vdc	%96.5 @39.5V	%97.1 @54VDC	%97.3 @ 54Vdc
Output Voltage Range	21.60 – 29.00Vdc	32.40 – 43.50Vdc	43.20 - 58.00 Vdc	43.20 – 58.00 Vdc
Max. Output Power (cont.)	6'000Watt	9'800Watt	10'500Watt	12'000Watt
Max.Output Current (cont.)	225A	225A	200A	225A
Load Sharing (10%-100% Load	%5			
Cabling	2x95mm ² + Canbus			
Output Voltage Regulation	0.4%			
Output Ripple	100mVpp			
Output Noise	< 20mVrms			
Short Circuit Current (cont)	<60A		<30A	
Overvoltage Protection	Output turns off (automatic restart)			
High Temp. Protection	Limits internal temperature to 85°C			

AMBIENT	DCP 24V 225A	DCP 36V 225A	DCP 48V 200A	DCP 48V 225A
Operating Temp. Range	Full power between -40°C and +40°C, derates up to +70°C			
Storage Temp. Range	-40°C to +80°C			
Relative Humidity	%20 to %90 (non-condensing)			
Operating Altitude	0 – 2000m			
Cooling	Forced cooling with internal fan			
Acoustic Noise	< 59dB (@1 meter)			

GENERAL	DCP 24V 225A	DCP 36V 225A	DCP 48V 200A	DCP 48V 225A
MTBF (Telcordia SR-332 Issue I, method III(a) (Amb.Temp.:25 °C)	> 300'000 hours			
Isolation (input-output)	2150Vac			
Isolation (input-earth)	1650Vac			
Isolation (output-earth)	500Vac			
Dimensions (WxHxD)	142x290x436mm			
Weight (including cables)	12.0kg (approximative)			
IP Protection Degree	IP20			
Safety	EN 62368-1			
EMC	EN55022, EN55024, EN61000-3-2, 61000-3-3			

3 MODULE BATTERY CHARGERS



80V / 150A

90V / 120A

96V / 100A

110V / 90A

TECHNICAL SPECIFICATIONS

INPUT	DCP 80V 150A	DCP 90V 120A	DCP 96V 100A	DCP 110V 90A
Technology	Totem Pole PFC			
Voltage Range	85-264Vac			
Frequency Range	45-68Hz			
Connection	3 Phase (3xPhase-Neutral-Earth)			
Maximum Current	< 3x21Aac			
Power Factor	>= %99 (230Vac-%50 load and above)			
Harmonic Distortion	< %8			
Output Power Derating	207-264Vac full power, 85-207Vac limited by "Max Input Current per module			
Maximum Input Power	< 13'000Watt			
Inrush Current	< 10Aac (per phase)			
Overvoltage Protection	Stops operation at 285Vac, protections set to 300Vac			
Undervoltage Protection	< 85Vac			

OUTPUT	DCP 80V 150A	DCP 90V 120A	DCP 96V 100A	DCP 110V 90A
Technology	LLC Resonant DC-DC converter			
Peak Efficiency (230Vac)	%97.3 @83.2Vdc	%97.3 @96.0V	%97.3 @102.4VDC	%97.4 @ 115.2Vdc
Output Voltage Range	70.20 – 94.00Vdc	81.00 – 109.00Vdc	86.40 – 115.20 Vdc	97,.20 – 130.00 Vdc
Max.Output Power (cont.)	12'000Watt			
Max.Output Current (cont.)	150A	120A	100A	90A
Load Sharing (10%-100% Load	%5			
Cabling	2x50mm ² + Canbus		2x35mm ² + Canbus	
Output Voltage Regulation	0.4%			
Output Ripple	100mVpp			
Output Noise	< 20mVrms			
Short Circuit Current (cont)	< 30A			
Overvoltage Protection	Output turns off (automatic restart)			
High Temp. Protection	Limits internal temperature to 85°C			

AMBIENT	DCP 80V 150A	DCP 90V 120A	DCP 96V 100A	DCP 110V 90A
Operating Temp. Range	Full power between -40°C and +40°C, derates up to +70°C			
Storage Temp. Range	-40°C to +80°C			
Relative Humidity	%20 to %90 (non-condensing)			
Operating Altitude	0 – 2000m			
Cooling	Forced cooling with internal fan			
Acoustic Noise	< 59dB (@1 meter)			

GENERAL	DCP 80V 150A	DCP 90V 120A	DCP 96V 100A	DCP 110V 90A
MTBF (Telcordia SR-332 Issue I, method III(a) (Amb.Temp.:25 °C)	> 300'000 hours			
Isolation (input-output)	2150Vac			
Isolation (input-earth)	1650Vac			
Isolation (output-earth)	500Vac			
Dimensions (WxHxD)	142x290x436mm			
Weight (including cables)	12.0kg (approximative)			
IP Protection Degree	IP20			
Safety	EN 62368-1			
EMC	EN55022, EN55024, EN61000-3-2, 61000-3-3			

6 MODULE BATTERY CHARGERS



24V / 450A

36V / 450A

48V / 400A

48V / 450A

TECHNICAL SPECIFICATIONS

INPUT	DCP 24V 450A	DCP 36V 450A	DCP 48V 400A	DCP 48V 450A
Technology	Totem Pole PFC			
Voltage Range	85-264Vac			
Frequency Range	45-68Hz			
Connection	3 Phase (3xPhase-Neutral-Earth)			
Maximum Current	< 3x22Aac	< 3x42Aac		
Power Factor	>= %99 (230Vac-%50 load and above)			
Harmonic Distortion	< %8			
Output Power Derating	207-264Vac full power, 85-207Vac limited by "Max Input Current per module			
Maximum Input Power	< 14'000Watt	21'000Watt	< 26'000Watt	
Inrush Current	< 10Aac (per phase)			
Overvoltage Protection	Stops operation at 285Vac, protections set to 300Vac			
Undervoltage Protection	< 85Vac			

OUTPUT	DCP 24V 450A	DCP 36V 450A	DCP 48V 400A	DCP 48V 450A
Technology	LLC Resonant DC-DC converter			
Peak Efficiency (230Vac)	%96 @27Vdc	%96.5 @39.5V	%97.1 @54VDC	%97.3 @ 54Vdc
Output Voltage Range	21.60 – 29.00Vdc	32.40 – 43.50Vdc	43.20 - 58.00 Vdc	43.20 – 58.00 Vdc
Max.Output Power (cont.)	12'000Watt	19'600Watt	21'000Watt	24'000Watt
Max.Output Current (cont.)	450A	450A	400A	450A
Load Sharing (10%-100% Load	%5			
Cabling	2x2x95mm ² + Canbus			
Output Voltage Regulation	0.4%			
Output Ripple	100mVpp			
Output Noise	< 20mVrms			
Short Circuit Current (cont)	<120A		<60A	
Overvoltage Protection	Output turns off (automatic restart)			
High Temp. Protection	Limits internal temperature to 85°C			

AMBIENT	DCP 24V 450A	DCP 36V 450A	DCP 48V 400A	DCP 48V 450A
Operating Temp. Range	Full power between -40°C and +40°C, derates up to +70°C			
Storage Temp. Range	-40°C to +80°C			
Relative Humidity	%20 to %90 (non-condensing)			
Operating Altitude	0 – 2000m			
Cooling	Forced cooling with internal fan			
Acoustic Noise	< 59dB (@1 meter)			

GENERAL	DCP 24V 450A	DCP 36V 450A	DCP 48V 400A	DCP 48V 450A
MTBF (Telcordia SR-332 Issue I, method III(a) (Amb.Temp.:25 °C)	> 300'000 hours			
Isolation (input-output)	2150Vac			
Isolation (input-earth)	1650Vac			
Isolation (output-earth)	500Vac			
Dimensions (WxHxD)	255x274x448mm			
Weight (including cables)	21.0kg (approximative)			
IP Protection Degree	IP20			
Safety	EN 62368-1			
EMC	EN55022, EN55024, EN61000-3-2, 61000-3-3			

6 MODULE BATTERY CHARGERS



80V / 300A

90V / 240A

96V / 200A

110V / 180A

TECHNICAL SPECIFICATIONS

INPUT	DCP 80V 300A	DCP 90V 240A	DCP 96V 200A	DCP 110V 180A
Technology	Totem Pole PFC			
Voltage Range	85-264Vac			
Frequency Range	45-68Hz			
Connection	3 Phase (3xPhase-Neutral-Earth)			
Maximum Current	3x42Aac			
Power Factor	>= %99 (230Vac-%50 load and above)			
Harmonic Distortion	< %8			
Output Power Derating	207-264Vac full power, 85-207Vac limited by "Max Input Current per module			
Maximum Input Power	26'000Watt			
Inrush Current	< 10Aac (per phase)			
Overvoltage Protection	Stops operation at 285Vac, protections set to 300Vac			
Undervoltage Protection	< 85Vac			

OUTPUT	DCP 80V 300A	DCP 90V 240A	DCP 96V 200A	DCP 110V 180A
Technology	LLC Resonant DC-DC converter			
Peak Efficiency (230Vac)	%97.3 @83.2Vdc	%97.3 @96.0V	%97.3 @102.4VDC	%97.4 @ 115.2Vdc
Output Voltage Range	70.20 – 94.00Vdc	81.00 – 109.00Vdc	86.40 – 115.20 Vdc	97,.20 – 130.00 Vdc
Max.Output Power (cont.)	24'000Watt			
Max.Output Current (cont.)	300A	240A	200A	180A
Load Sharing (10%-100% Load	%5			
Cabling	2x2x70mm ² + Canbus	2x95mm ² + Canbus		
Output Voltage Regulation	0.4%			
Output Ripple	100mVpp			
Output Noise	< 20mVrms			
Short Circuit Current (cont)	< 30A			
Overvoltage Protection	Output turns off (automatic restart)			
High Temp. Protection	Limits internal temperature to 85°C			

AMBIENT	DCP 80V 300A	DCP 90V 240A	DCP 96V 200A	DCP 110V 180A
Operating Temp. Range	Full power between -40°C and +40°C, derates up to +70°C			
Storage Temp. Range	-40°C to +80°C			
Relative Humidity	%20 to %90 (non-condensing)			
Operating Altitude	0 – 2000m			
Cooling	Forced cooling with internal fan			
Acoustic Noise	< 65dB (@1 meter)			

GENERAL	DCP 80V 300A	DCP 90V 240A	DCP 96V 200A	DCP 110V 180A
MTBF (Telcordia SR-332 Issue I, method III(a) (Amb.Temp.:25 °C)	> 300'000 hours			
Isolation (input-output)	2150Vac			
Isolation (input-earth)	1650Vac			
Isolation (output-earth)	500Vac			
Dimensions (WxHxD)	255x274x448mm			
Weight (including cables)	21.0kg (approximative)			
IP Protection Degree	IP20			
Safety	EN 62368-1			
EMC	EN55022, EN55024, EN61000-3-2, 61000-3-3			

10 MODULE BATTERY CHARGERS



24V / 750A

36V / 750A

48V / 650A

48V / 750A

TECHNICAL SPECIFICATIONS

INPUT	DCP 24V 750A	DCP 36V 750A	DCP 48V 650A	DCP 48V 750A
Technology	Totem Pole PFC			
Voltage Range	85-264Vac			
Frequency Range	45-68Hz			
Connection	3 Phase (3xPhase-Neutral-Earth)			
Maximum Current	< 3x44Aac	< 3x84Aac max.		
Power Factor	>= %99 (230Vac-%50 load and above)			
Harmonic Distortion	< %8			
Output Power Derating	207-264Vac full power, 85-207Vac limited by "Max Input Current per module			
Maximum Input Power	< 23'500Watt	35'000Watt	< 43'500Watt	
Inrush Current	< 10Aac (per phase)			
Overvoltage Protection	Stops operation at 285Vac, protections set to 300Vac			
Undervoltage Protection	< 85Vac			

OUTPUT	DCP 24V 750A	DCP 36V 750A	DCP 48V 650A	DCP 48V 750A
Technology	LLC Resonant DC-DC converter			
Peak Efficiency (230Vac)	%96 @27Vdc	%96.5 @39.5V	%97.1 @54VDC	%97.3 @ 54Vdc
Output Voltage Range	21.60 – 29.00Vdc	32.40 – 43.50Vdc	43.20 - 58.00 Vdc	43.20 – 58.00 Vdc
Max.Output Power (cont.)	21'600Watt	32'400Watt	38'000Watt	40'000Watt
Max.Output Current (cont.)	750A	750A	650A	750A
Load Sharing (10%-100% Load	%5			
Cabling	3x2x120mm ² + Canbus			
Output Voltage Regulation	0.4%			
Output Ripple	100mVpp			
Output Noise	< 20mVrms			
Short Circuit Current (cont)	<200A		<100A	
Overvoltage Protection	Output turns off (automatic restart)			
High Temp. Protection	Limits internal temperature to 85°C			

AMBIENT	DCP 24V 750A	DCP 36V 750A	DCP 48V 650A	DCP 48V 750A
Operating Temp. Range	Full power between -40°C and +40°C, derates up to +70°C			
Storage Temp. Range	-40°C to +80°C			
Relative Humidity	%20 to %90 (non-condensing)			
Operating Altitude	0 – 2000m			
Cooling	Forced cooling with internal fan			
Acoustic Noise	< 59dB ((@1 meter)			

GENERAL	DCP 24V 750A	DCP 36V 750A	DCP 48V 650A	DCP 48V 750A
MTBF (Telcordia SR-332 Issue I, method III(a) (Amb.Temp.:25 °C)	> 300'000 hours			
Isolation (input-output)	2150Vac			
Isolation (input-earth)	1650Vac			
Isolation (output-earth)	500Vac			
Dimensions (WxHxD)	255x407x448mm			
Weight (including cables)	34.0kg (approximative)			
IP Protection Degree	IP20			
Safety	EN 62368-1			
EMC	EN55022, EN55024, EN61000-3-2, 61000-3-3			

10 MODULE BATTERY CHARGERS



80V / 500A
90V / 400A
96V / 350A
110V / 300A

TECHNICAL SPECIFICATIONS

INPUT	DCP 80V 500A	DCP 90V 400A	DCP 96V 350A	DCP 110V 300A
Technology	Totem Pole PFC			
Voltage Range	85-264Vac			
Frequency Range	45-68Hz			
Connection	3 Phase (3xPhase-Neutral-Earth)			
Maximum Current	3x84Aac max.			
Power Factor	>= %99 (230Vac-%50 load and above)			
Harmonic Distortion	< %8			
Output Power Derating	207-264Vac full power, 85-207Vac limited by "Max Input Current per module			
Maximum Input Power	43'500Watt			
Inrush Current	< 10Aac (per phase)			
Overvoltage Protection	Stops operation at 285Vac, protections set to 300Vac			
Undervoltage Protection	< 85Vac			

OUTPUT	DCP 80V 500A	DCP 90V 400A	DCP 96V 350A	DCP 110V 300A
Technology	LLC Resonant DC-DC converter			
Peak Efficiency (230Vac)	%97.3 @83.2Vdc	%97.3 @96.0V	%97.3 @102.4VDC	%97.4 @ 115.2Vdc
Output Voltage Range	70.20 – 94.00Vdc	81.00 – 109.00Vdc	86.40 – 115.20 Vdc	97.20 – 130.00 Vdc
Max.Output Power (cont.)	40'000Watt			
Max.Output Current (cont.)	500A	400A	350A	300A
Load Sharing (10%-100% Load	%5			
Cabling	2x2x120mm ² + Canbus		2x2x70mm ² + Canbus	
Output Voltage Regulation	0.4%			
Output Ripple	100mVpp			
Output Noise	< 20mVrms			
Short Circuit Current (cont)	< 100A			
Overvoltage Protection	Output turns off (automatic restart)			
High Temp. Protection	Limits internal temperature to 85°C			

AMBIENT	DCP 80V 500A	DCP 90V 400A	DCP 96V 350A	DCP 110V 300A
Operating Temp. Range	Full power between -40°C and +40°C, derates up to +70°C			
Storage Temp. Range	-40°C to +80°C			
Relative Humidity	%20 to %90 (non-condensing)			
Operating Altitude	0 – 2000m			
Cooling	Forced cooling with internal fan			
Acoustic Noise	< 65dB (@1 meter)			

GENERAL	DCP 80V 500A	DCP 90V 400A	DCP 96V 350A	DCP 110V 300A
MTBF (Telcordia SR-332 Issue I, method III(a) (Amb.Temp.:25 °C)	> 300'000 hours			
Isolation (input-output)	2150Vac			
Isolation (input-earth)	1650Vac			
Isolation (output-earth)	500Vac			
Dimensions (WxHxD)	255x407x448mm			
Weight (including cables)	34.0kg (approximative)			
IP Protection Degree	IP20			
Safety	EN 62368-1			
EMC	EN55022, EN55024, EN61000-3-2, 61000-3-3			