

Flatpack 2 and Powerpack cabinetized

The Large Power System proves that Flatpack2 and Powerpack is the ultimate building block in any telecom application. The combination of a flexible design, power density and reliability makes the Flatpack2 and Powerpack a product family that truly stands outs and provides unparalleled network availability. The versatility of the Flatpack2 and Powerpack rectifier means that it can be used in a wide variety of DC applications across the globe.



LARGE POWER SYSTEMS, 36 - 288KW

FLEXIBLE DC DISTRIBUTION CONFIGURATIONS

Doc 271431.DS3 - rev4

APPLICATIONS

With a broad variety of options, the cabinetized power systems are ideal for applications such as:

- Central office sites
- Base station control sites
- Data centers
- Other large power demanding sites

Due to the high power density, cost competitive design and a highly flexible system communication interface, Flatpack2 and Powerpack rectifiers are used in system solutions from 2kW to 288kW.

PRODUCT DESCRIPTION

The system includes a complete power system with rectifier capacity of up to 2340A pr. cabinet, controller and flexible distribution options, all in one single cabinet.

KEY FEATURES

The Large Power System can be equipped with either Flatpack2 2kW, Flatpack2 3kW or Powerpack 5800 rectifiers.

MODEL	BASIC QTY OF POWER SHELVES	EXPANDABLE TO
FP2 2Kw	6	9 or 12
FP2 3Kw	3	6 or 9
Powerpack	3	4 or 5

(Table 1: Rectifiers power shelves list)

Standard distribution modules are available with the variety of knife fuses and MCBs. A high degree of flexibility makes it easy to meet most customer requirements fast and cost efficient.

OPTIONS

- SYSTEM MONITORING
- FLATPACK 2 MODULES
- POWERPACK MODULES
- FULL HEIGHT LOCKABLE DOOR
- DUMMY PANELS AND UNIT DOORS
- CONFIGURABLE MAINS INPUT
- SURGE PROTECTION DEVICE
- LVBD (LOW VOLTAGE BATTERY DISCONNECTION)
- LVLD (LOW VOLTAGE LOAD DISCONNECTION)
- PARALLELING CABINETS FOR EXPANDED POWER
- PARALLELING CABINETS FOR ADDITIONAL DISTRIBUTIONS
- LIFTING LUGS
- PLINTHS FOR SUFFICIENT CABLING



FLEXIBLE DC DISTRIBUTION CONFIGURATIONS

TOP ENTRY FP2, 2KW

Basic system capacity: 48kW Expandability: 72kW – 96kW Cabinet dimensions: W600xD600xH2m Optionally paralleling distribution cabinets on left and right

side Operating temperature: 40°C

Specifications are subject to change without notice

TOP ENTRY FP2, 2KW



BOTTOM ENTRY FP2, 2KW



BOTTOM ENTRY FP2, 2KW

Basic system capacity: 48kW

Expandability: 72kW - 96kW

Cabinet dimensions: W600xD600xH2m

Optionally paralleling distribution cabinets on left and right side

Operating temperature w/o door: 40°C

Specifications are subject to change without notice



TOP ENTRY FP2, 3KW

Basic system capacity: 36kW Expandability: 72kW – 108kW Cabinet dimensions: W600xD600xH2m Optionally paralleling distribution cabinets on left and right side Operating temperature: 30°C

Specifications are subject to change without notice

TOP ENTRY FP2, 3KW



BOTTOM ENTRY FP2, 3KW



BOTTOM ENTRY FP2, 3KW

Basic system capacity: 36kW

Expandability: 72kW – 108kW

Cabinet dimensions: W600xD600xH2m

Optionally paralleling distribution cabinets on left and right side

Operating temperature: 30°C

Specifications are subject to change without notice



FLEXIBLE DC DISTRIBUTION CONFIGURATIONS

TOP ENTRY POWERPACK 5800

Basic system capacity: 69.6kW Expandability: 92,8kW – 116kW Cabinet dimensions: W600xD600xH2m Optionally paralleling distribution cabinets on left and right side Operating temperature: 30°C

Specifications are subject to change without notice

TOP ENTRY POWERPACK 5800



FLEXIBLE EXPANSION CONFIGURATIONS

- EXTENDED POWER CABINET
- EXTENDED DISTRIBUTION CABINET



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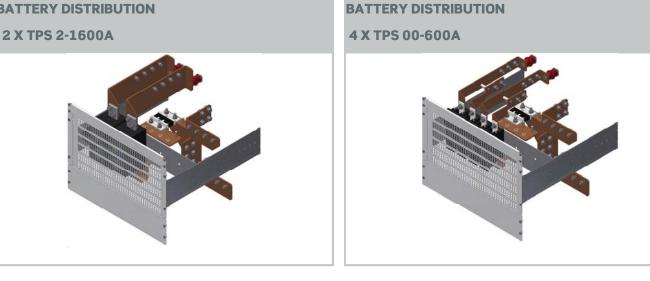
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FLEXIBLE BASIC CABINET CONFIGURATIONS FLEXIBL • EXTEND • EXTEND

Delta Group

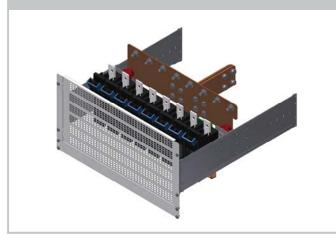
FLEXIBLE DC DISTRIBUTION CONFIGURATIONS





LOAD DISTRIBUTION

4-8 X TPS 00-600A



LOAD DISTRIBUTION 30 X 2~63A MCB 20 X 80~125A MCB



DC	DIS1	RIBU	TION	OPT	IONS

BATERY DISTIRUTION 2 X TPS 2.1600A 2 X TPS 2.1600A 2 X TPS 2.1600A 2 Contextor (1.200A or 1.800A) Contextor (1.200A)	DC DISTRIBUTION OPTIONS			
2 x IPS 2:1800A • Options: o UVBC contactor (1200 or 1200 A) • OVBC contactor (1200 or 1200 A) BATTERY DSTRIBUTION • 4 4 x IPS 00-600A • A trypick, max 500A each • UVBC contactor (1200 or 1200 A) • A trypick, max 500A each • UVBC contactor (1200 A) • A trypick, max 500A each • 0 quipting, max 500A each • 49 x TPS 00-600A • 0 quipting, max 600A each • 49 x TPS 00-600A • 0 quipting, max 600A each • 0 Quipting, max 600A each • 0 quipting, max 600A each • 0 Quipting, max 600A each • 0 quipting, max 600A each • 0 Quipting, max 600A each • 0 quipting, max 600A each • 0 Quipting, max 600A each • 0 quipting, max 600A each • 0 Quipting, max 600A each • 0 quipting, max 600A each • 0 Quipting, max 600A each • 0 quipting, max 600A each • 0 Quipting, max 600A each • 0 quipting, max 600A each • 0 Quipting, max 600A each • 0 quipting, max 600A each • 0 Quipting, max 600A each • 0 quipting, max 600A each • 0 Quipting, max 600A each • 0 quipting, max 600A • 0 Quipting, max 600A each • 0 quipting, max 600A • 0 Quipting, max 600A • 0 quipting, max 600A	BATTERY DISTRIBUTION	o 2 outputs, max 1600A each		
BATTERY DON 6 Connection: M10 bolt BATTERY DON 6 Options: VM2 Contactor (1200 A sch) Connection: M10 bolt LAD DISTREUTION 6 A outputs, max 500 A sch) 6 49 X TFS 00-600A 0 Quitons: VM2 Contactor (1200 A sch) Options: Quitons: Quitons: Quitons: Quitons: Quitons: Quitons: Quitons: Quitons: Quitons: Quitons: Quitons: Quitons: Quitons: Quitons: Quitons: Quitons:	2 x TPS 2-1600A			
BATTERY DISTRIBUTION 4 x TPS 200-600A 2 x TPS 200-600A 2 x TPS 200-600A 4 9 x TPS 200-600A 2 dutputs, max 500A each 0 Options: - Additional 4 outputs, max 500A - U/U on additional 4 outputs (200A) 0 Connection: ML0 ML2 2001 LOAD DISTRIBUTION 0 30 x MCB's [ON rail mounted, 6)-125A) 0 20 X MCB's [ON rail mounted, 6)-125A) 0 Connection: ML0/ML2 2001 Connection: ML0/ML2 2001 Conne		 LVBD contactor (1200A or 1800A) 		
4 x TPS 00-600A • Options: • Connection: M10 bolt 1AD DISTRIEUTION • A dupuls, mar 600A each 48 x TPS 00-600A • Options: • Additional 4 outputs, mar 600A each • Options: • Additional 4 outputs, mar 600A each • Options: • Additional 4 outputs, mar 600A each • Options: • Additional 4 outputs, mar 600A each • Options: • Additional 4 outputs, mar 600A each • Options: • Additional 4 outputs, mar 600A each • Options: • Additional 4 outputs, mar 600A each • Options: • Additional 4 outputs, mar 600A each • Options: • Connection: M10/M12 holt • Options: • Connection: M10/M12 holt • Options: • Connection: M10/M12 holt • Options: • Connection: Directly in MOLB, max 16mm² • Options: • Options: • 200 × MCB's (DN reli mounted, 263A) • Ottage 230 Vac, 3 phase IT network • 200 × MCB's (DN reli mounted, 263A) • Options: • Options: • See Flatpack? 24M 40x; datasheet MONITORING • Options: • Options: Output PR, CABINET • Eltpack2 - 24Wr From 3U PR (240A) up to 3U PR (220A) ept		 Connection: M10 bolt 		
- VVBD contractor (1200A or 1800A) - Connection: M10 bdt 4+8x 1P5 00 600A - Options: - Additional 4 outputs, max.600A - VLD on additional 4 outputs (1200A) - Options: - Additional 4 outputs, max.600A - VLD on additional 4 outputs (1200A) - Connection: M10/M12 bdt LOAD DISTRIBUTION - S3 x MCBs (DN rail mounted, 2-53A) - Connection: University in MCB, max 16mm² AC INPUT Voltage 230 Vx, single phase - 230 Vx, - Saptel T network - Additional info See Flatpack2 - 24W 48Vx; datasheet - See Flatpack2 - 24W 48Vx; datasheet - See Flatpack2 - 24W 48Vx; datasheet - Current See Flatpack2 - 24W 48Vx; datasheet - See Flatpack2 - 24W 48Vx; datasheet - Current Flatpack2 - 24W 48Vx; datasheet - Current Peletpack2 - 24W 48Vx; datasheet - Current Flatpack2 - 24W 48Vx; datasheet - Storage temp. - 30 KVAC - input and output - 0 to KVC - input and output - 1.5 KVAC - input and output - 0 to KVC - input and output - 1.5 KVAC - input and output - 0 to KVC - input and outp				
ormection: M10 bolt ADD IDSTRIBUTION ordupts, max 600A each 4B x TPS 00 600A ordupts, max 600A - LVLD on additional 4 outputs, IL200A) ordupts, max 600A - Connection: M10/M12 bolt 0.000A 0.000A 0	4 x TPS 00-600A			
LOAD DISTRIBUTION • 4 dutputs, max 800A sech 48 x TPS 00-600A • Options: • • Additional 4 outputs, max 500A • LVLD on additional 4 outputs, max 500A • LVD on additional 4 outputs, max 500A • LVLD on additional 4 outputs, max 500A • LVD on additional 4 outputs, max 500A • LVD on additional 4 outputs, max 500A • DISTRIBUTION • 30 x MGBs [DN rail mounted, 2-53A) MCB • 20 Vxc, single phase • Connection: Mirol mounted, 2-53A) MCB • Connection: Mirol mounted, 2-53A) • Connection: Mirol Max 6 dutasheet • Sato Max 6 dutasheet • Sato Max 6 dutasheet • See Flapack2 - 3kW 49Vx datasheet • Sato Max Firon 3U PR (450A) up to 12U PR (200A) • D1 UPT PR. CABINET •				
4-8 x TPS 00-600A • Options: • Additional 4 outputs (1200A) • LVLD on additional 4 outputs (1200A) • LVLD on additional 4 outputs (1200A) • Connection: M10/M12 botit L0AD DISTRIBUTION • 30 x MCBs (DN rail mounted, 2-63A) • Connection: Directly in MCB, max 16mm ² AC INPUT Voltage 20 Vuc, 3 phase TN network 230 Vuc, 3 phase TN network 320 Vuc, 3 phase TN network 320 Vuc, 3 phase TN network Additional info See Flatpack 2 - 24W 49Vuc datasheet See Flatpack 2 - 24W. From 3U PR (450A) up to 12U PR (2000A) (1404A) up to 5U PR (250A) Powerpack: From 3U PR (1404A) up to 5U PR (250A) Powerpack: From 3U PR (1404A) up to 5U PR (2200A) (1504C) OTHER SPECIFICATIONS Storage temp. -30 KVAC - input and output 0 1.5 KVAC - input earth 0 1.5 KVAC - input ea				
Additional 4 outputs, max.600A - LVLD on additional 4 outputs (1200A) - LVLD on additional 4 outputs (1200A) - Ocnnection: MUN12 boit MCB - S 20 XMCBs (DN rail mounted, 0.63A) MCB - Connection: Directly in MCB, max 16mm ⁹ - Control - See Flatpack: - JAW 48Vcc, datasheet - See Flatpack: - JAW 48Vcc, datasheet - Control Info - See Smartpack (242100.100.DS3) datasheet - Directly INP. CABINET Voltage - 48 Vnc Current - Flatpack2 - 24W. From 3U PR (450A) up to 12U PR (2000A) - Flatpack2 - 24W. From 3U PR (140A) up to 9U PR (230A) - Directly INP. - 3.0 KVAC - input earth - 0. StVUC - output earth - 0.5 KVUC - uput earth - 0. StVUC - output earth - 0.5 KVUC - uput earth				
- LVLD on additional 4 outputs [1200A] - Connection: M1/V12 bolt MCB · 30 x MCB's (DN rail mounted, 263A) - Connection: Drevet jin MCE, max 16mm ² - Connection: Drevet was 40%; datasheet - See 70werpack 40%; datasheet - See Flatpack 2 - 24W 40%; datasheet - Control PL - Control				
o Connection: M10/M12 botit IADD DISTRIBUTION 0 30 x MCB's (DN rail mounted, 80-125A) o Connection: Directly in MCB, max L6mm ² AC INPUT See Call of the see Call of				
LOAD DISTRIBUTION 30 X MCB's (DN rail mounted, 80-125A) Connection: Directly in MCB, max L6mm² AC INPUT Voltage 230 Vxc, single phase 230 Vxc, Single phase 230 Vxc, Single phase Additional info See Flatpack2 - 3kW 40Vx; datasheet See Flatpack2 - 3kW 40Vx; datasheet See Flatpack2 - 3kW 40Vx; datasheet DC OUTPUT PR. CABINET Voc Current Flatpack2 - 3kW From 3U PR (450A) up to 120 PR (2000A) Flatpack2 - 3kW: From 3U PR (750A) up to 9U PR (2200A) Parematic Flatpack2 - 3kW: From 3U PR (750A) up to 9U PR (220A) Parematic OTHER SPECIFICATIONS Is KVAC - input and output Solation 0 3.0 KVAC - input and output 0.5 KVDC - output earth 0.5 KVDC - output earth				
MCB o 20 x MCB's (DNI rail mounted, 80-125A) o Connection: Directly in MCB, max 16mm ² AC INPUT 230 Vxc, 3 phase IT network 230 Vxc, 3 phase IT network 230 Vxc, 3 phase IT network Additional info See Flatpack 2 - 2kW 48Vx_ datasheet 328 e Powerpack 48Vx; datasheet 328 e Powerpack 48Vx; datasheet 328 e Powerpack 48Vx; datasheet 328 e Smartpack 2 (242100.100.053) datasheet 329 e Powerpack 48Vx; datasheet 320 e Powerpack 48Vx; from 3U PR (450A) up to 12U PR (200A) 70 e Flatpack 2 - 2kW; From 3U PR (450A) up to 12U PR (200A) 71 e Flatpack 2 - 2kW; From 3U PR (450A) up to 12U PR (200A) 71 e Flatpack 2 - 3kW; From 3U PR (750A) up to 91 UPR (2250A) 70 e Powerpack From 3U PR (1404A) up to 5U PR (2250A) 70 e Flatpack 2 - 3kW; From 3U PR (750A) up to 91 UPR (2250A) 70 e Flatpack 2 - 3kW; From 3U PR (750A) up to 91 UPR (2250A) 70 e Flatpack 2 - 3kW; From 3U PR (750A) up to 91 UPR (2250A) 70 e Flatpack 2 - 3kW; From 3U PR (1404A) up to 5U PR (2250A) 70 e Flatpack 2 - 3kW; From 3U PR (1404A) up to 5U PR (2250A) 70 e Flatpack 2 - 3kW; From 3U PR (750A) up to 91 UPR (2250A) 70 e Flatpack 2 - 100 e Flatp	LOAD DISTRIBUTION			
ac increases connection: Directly in MCB, max 16mm ⁴ Ac INPUT Voltage 230 Vac, 3: phase IT network 230 Vac, 3: phase IT network 230/400 VAC, 3: phase IT network Additional info See Flatpack 2: 43KW 48Vx, datasheet See Flatpack 2: 3KW 48Vx, datasheet See Flatpack 2: 43KW 48Vx, datasheet Monitoring Unit See Smartpack (24210.01.00.DS3) datasheet COUTPUT P. CABINET See Smartpack (24210.01.00.DS3) datasheet Voltage 48 Vac Current Flatpack 2: AkW From 3U PR (500.01 up to 120 PR (2000.01 (2000.0				
AC INPUT Voltage 230 Vxc, single phase 230 Vxc, single phase IT network 230/400 VAC, 3-phase TN network Additional info See Flatpack 2 - 2kW 48Vyc, datasheet See Platpack 2 - 2kW 48Vyc, datasheet Additional info See Flatpack 2 - 2kW 48Vyc, datasheet See Flatpack 2 - 2kW 48Vyc, datasheet See Flatpack 2 - 2kW 48Vyc, datasheet Monitoring Unit See Smartpack (242100.100.DS3) datasheet DC OUTPUT PR. CABINET Voltage Voltage 48 Vxc Current Flatpack 2 - 2kW: From 3U PR (450A) up to 12U PR (2000A) Flatpack2 - 3kW: From 3U PR (450A) up to 9U PR (2250A) Powerpack. From 3U PR (1404A) up to 5U PR (2340A) OTHER SPECIFICATIONS Solation Solation 0.30 KVAC - input and output 0.15 KVAC - input earth Storage temp. -40 to +85°C (40 to +185°F) Weight / 2.0m Appr. 100kg (396,8 lbs) excl. rectifiers APPLICABLE STANDARDS EE Electrical safety EC 60950, UL 60950 EMC Environment 0 ETS 300 019-2.1 (telecommunication network) 0 EN 61000-6.2 (immunity, industry) Environment 0 ETS 300 019-2.1 (telorage) 0 ETS 300 019-2.4 (transport) 0 ETS 3000 019-2.4 (transport) 0 ETS 300 019-2.4 (transport) 0 E				
Voltage 230 V _{k0} , single phase 230 V _{k0} , 3phase IT network Additional info See Flatpack2 - 2kW 48V _{k0} datasheet Monitoring Unit See Smartpack (242100.100.D53) datasheet DC OUTPUT PR. CABINET Voltage 48 V _{k0} Current Flatpack2 - 2kW: From 3U PR (450A) up to 12U PR (2000A) Platpack2 - 2kW: From 3U PR (450A) up to 9U PR (2250A) Powerpack: From 3U PR (750A) up to 9U PR (2250A) Powerpack: From 3U PR (750A) up to 9U PR (2250A) Powerpack: From 3U PR (750A) up to 5U PR (2340A) OTHER SPECIFICATIONS 0 Isolation 0 0 0.5 K/VCC - input and output 0 1.5 K/VAC - input earth Storage temp. -40 to +85° [-40 to +185°] Weight / 2.0 m Appr. 180kg (396,8 lbs) excl. rectifiers APPLICABLE STANDARDS E Electrical safety EC 60950. UL 60950 Environment 0 ETS 300 019-2.4 (transport) 0 ETS 300 019-2.4 (transport) 0 ETS 300 019-2.4 (transport) 0 ETS 300 019-2.				
230 Vac, 3-phase Th network 230/400 VAC, 3-phase Th network Additional info See Flatpack 2 - 2kW 48V _{xc} datasheet See Flatpack 2 - 3kW 48V _{xc} datasheet See Powerpack 48V _{xc} datasheet See Powerpack 48V _{xc} datasheet Monitoring Unit See Smartpack (242100.100.DS3) datasheet DC OUTPUT PR. CABINET Voltage 48 V _{xc} Current Flatpack2 - 2kW: From 3U PR (450A) up to 12U PR (200A) Platpack2 - 3kW: From 3U PR (450A) up to 9U PR (2250A) Powerpack from 3U PR (1404A) up to 5U PR (2250A) Powerpack From 3U PR (1404A) up to 5U PR (2250A) Powerpack From 3U PR (1404A) up to 5U PR (2250A) Powerpack From 3U PR (1404A) up to 5U PR (2250A) Powerpack From 3U PR (1404A) up to 5U PR (2250A) Powerpack From 3U PR (1404A) up to 5U PR (2240A) OTHER SPECIFICATIONS Isolation • 3.0 KVAC - input and output • 0.5 KVAC - output earth • 0.5 KVAC - output earth </td <td></td> <td></td>				
230/400 VAC, 3-phase TN networkAdditional infoSee Flatpack2 - 2kW 48Vcc datasheet See Flatpack2 - 3kW 48Vcc datasheet See Powerpack 48Vxc datasheetMonitoring UnitSee Smartpack (242100.100.DS3) datasheet See Smartpack2 (242100.50X.DS3) datasheetDC OUTPUT PR. CABINETVoltageVoltage48 VrcCurrentFlatpack2 - 2kW: From 3U PR (450A) up to 12U PR (2000A) Flatpack2 - 3kW: From 3U PR (750A) up to 9U PR (2250A) Powerpack: From 3U PR (1404A) up to 5U PR (2340A)OTHER SPECIFICATIONSIsolationoSolationo0. 5 KV0C - output earth o0. 5 KV0C - forton oElec	voitage			
Additional info See Flatpack2 - 2kW 48Vxc datasheet See Flatpack2 - 3kW 48Vxc datasheet See Flatpack2 - 3kW 48Vxc datasheet Monitoring Unit See Smartpack (242100.100.DS3) datasheet DC OUTPUT PR. CABINET Voltage 48 Vxc Current Flatpack2 - 2kW: From 3U PR (450A) up to 12U PR (200A) Flatpack2 - 3kW: From 3U PR (750A) up to 9U PR (2250A) Powerpack: From 3U PR (1404A) up to 5U PR (2340A) OTHER SPECIFICATIONS Isolation o. 3.0 KVAC - input and output o. 1.5 KVAC - input earth o. 0.5 KV0C - output earth o. 0.5 KV0C - 00000-6.3 (emission, light industry) <				
See Flatpack2 - 3kW 48Vcc datasheet See Powerpack 48Vcc datasheet MONITORING Monitoring Unit See Smartpack (242100.100.DS3) datasheet See Smartpack2 (242100.50X.DS3) datasheet D CUTPUT PR. CABINET Voltage 48 Vsc Flatpack2 - 2kW: From 3U PR (450A) up to 12U PR (2000A) Flatpack2 - 3kW: From 3U PR (450A) up to 12U PR (2000A) Flatpack2 - 3kW: From 3U PR (750A) up to 9U PR (2250A) Powerpack: From 3U PR (1404A) up to 5U PR (2340A) OTHER SPECIFICATIONS Isolation 0 3.0 KVAC - input and output 0.1 5 KVAC - input earth 0.0 5 KVDC - output earth 0.0 5 KVDC - o	Additional info	-		
See Powerpack 48Vx: datasheet MONITORING Monitoring Unit See Smartpack (242100.100.DS3) datasheet See Smartpack (242100.50X.DS3) datasheet DC OUTPUT PR. CABINET Voltage 48 Vrc Current Flatpack2 - 2kW: From 3U PR (450A) up to 12U PR (2000A) Platpack2 - 3kW: From 3U PR (750A) up to 9U PR (2250A) Powerpack: From 3U PR (1404A) up to 9U PR (2250A) Powerpack: From 3U PR (1404A) up to 9U PR (2250A) Powerpack: From 3U PR (1404A) up to 9U PR (2250A) Powerpack: From 3U PR (1404A) up to 5U PR (2340A) OTHER SPECIFICATIONS Isolation 0.3.0 KVAC - input and output 0.1.5 KVAC - input earth Storage temp. 40 to +85°C (-40 to +185°F) Weight / 2.0m 40 to +85°C (-40 to +185°F) Weight / 2.0m 6 ETSIEN 300 396 V.1.3.1 (telecommunication network) 0.5 ENVOC - output earth Storage temp. 40 to +85°C (-40 to +185°F) Weight / 2.0m 6 ETSIEN 300 396 V.1.3.1 (telecommunication network) 0.5 EN 61000-6-2 (immunity, industry) Electrical safety EC 60950, UL 60950 EMC 0 ETSI 300 019-2-1 (storage) 0.5 ETS 300 019-2-2 (transport) 0.5 ETS 300 019-2-2 (transport) 0.5 ETS 300 019-2-2 (transport) 0.5 ETS 300 019-2-3 (operation) CDERLING INFORMATION Flatpack2 48V/2000 241115.100 Flatpack2 48V/2000 241115.105 <t< td=""><td></td><td></td></t<>				
MONITORING Monitoring Unit See Smartpack (242100.100.DS3) datasheet See Smartpack2 (242100.50X.DS3) datasheet DC OUTPUT PR. CABINET Voltage 48 Vac Current Flatpack2 - 2kW: From 3U PR (450A) up to 12U PR (2000A) Flatpack2 - 3kW: From 3U PR (750A) up to 9U PR (2250A) Powerpack: From 3U PR (1404A) up to 5U PR (2340A) OTHER SPECIFICATIONS Isolation • 3.0 KVAC - input and output • 1.5 KVAC - input earth • 0.5 KVDC - output earth Storage temp. -40 to +85°C (-40 to +185°F) Weight / 2.0m Appr. 180kg (396,81bs) excl. rectifiers APPLICABLE STANDARDS Electrical safety IEC 60950, UL 60950 EMC • ETS 1800 398 V.1.3.1 (telecommunication network) • EN 61000-6-3 (emission, light industry) Environment • ETS 300 192-2.1 (storage) • ETS 300 019-2.2 (transport) • ETS 300 019-2.3 (operation) ORDERING INFORMATION Flatpack2 48V/2000 241115.100 Flatpack2 48V/2000 241115.105 Flatpack2 48V/2000 241119.03 Flatpack2 48V/2000 241119.105 Flatpack2 48V/2000 241119.105 Flatpack2 48V/2000 241119.105 Flatpack2 48V/2000 HE 241119.105 Flatpack2 48V/3000 HE 241119.105				
Monitoring Unit See Smartpack (242100.100.DS3) datasheet See Smartpack2 (242100.50X.DS3) datasheet DC OUTPUT PR. CABINET Voltage 48 Vsc Current Flatpack2 - 2kW: From 3U PR (450A) up to 12U PR (200A) Flatpack2 - 3kW: From 3U PR (750A) up to 9U PR (2250A) Powerpack: From 3U PR (1404A) up to 5U PR (2340A) OTHER SPECIFICATIONS 0 Isolation 0 0.5 KVDC - output and output 0.5 KVDC - output earth 0.5 KVDC - output earth 0.5 KVDC - output earth Storage temp. -40 to +85°C (-40 to +185°F) Weight / 2.0m Appr. 180kg (396,8 lbs) excl. rectifiers APPLICABLE STANDARDS Electrical safety Electrical safety IEC 60950, UL 60950 EMC 0 ETS 180 303 386 V.1.3.1 (telecommunication network) 0 0 ETS 300 19-2-1 (storage) 0 ETS 300 19-2-2 (transport) 0 0 ETS 300 19-2-2 (transport) 0 ETS 300 19-2-2 (transport) 0 0 Flatpack2 48V/2000 241115.105 1 Flatpack2 48V/2000 241119.105 241119.03 Flatpack2 48V/2000 241119.105 Flatpack2 48V/2000 HE 241119.105 Flatpack2 48V/2000 HE				
See Smartpack2 (242100.50X.DS3) datasheet DC OUTPUT PR. CABINET Voltage 48 Vg. Current Flatpack2 - 2kW: From 3U PR (450A) up to 12U PR (2000A) Flatpack2 - 3kW: From 3U PR (750A) up to 9U PR (2250A) Powerpack: From 3U PR (1404A) up to 5U PR (2340A) OTHER SPECIFICATIONS Isolation 3.0 KVAC - input and output o 1.5 KVAC - input earth o 0.5 KVDC - output earth Isolation Storage temp. -40 to +85°C (-40 to +185°F) Isolation Weight /2.0m Appr. 180kg (396,8 lbs) excl. rectifiers APPLICABLE STANDARDS IEC 60950, UL 60950 Electrical safety IEC 60950, UL 60950 EMC ETS 18N 300 386 V.1.3.1 (telecommunication network) o EN 61000-6-3 (emission, light industry) o EN 61000-6-3 (emission, light industry) Environment ETS 300 019-2-3 (operation) ORDERING INFORMATION Pascription Patack2 48V/2000 Flatpack2 48V/2000 241115.100 Flatpack2 48V/2000 HE 241119.903 Flatpack2 48V/3000 HE 241119.105 Flatpack2 48V/3000 HE 241119.105 Flatpack2 48V/3000 HE 241119.105 Flatpack2 48V/3000 HE 241119.105 Flatpack2 48V/3000 HE <t< td=""><td>MONITORING</td><td></td></t<>	MONITORING			
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cek — Graterudveien 8, PB 2340 Strømsø, 3003 Drammen, Norway Phione: 747 32 20 32 00 Peltek © 2015 - www.elfek.com	CTO3xx42.xxxx	Flatpack2(3kW) 48V _{DC} / 288kW Power Rack Sales configured system		
	tek — Graterudveien 8, PB 2340 Strømsø, 3003 Drammen, Norway	Phone: 747 32 20 32 200 LW Delter @ 2015 - www.elfer.com		

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