BACK UP POWER SUPPLIES 19“

LS110.J (19“, 150W) 1(2) outputs, SNMP, automatic capacity test
LS110.J(S) (19“, 280W) 1(2) outputs, SNMP, automatic capacity test
LS150 (19“ 1U, 350W) – SNMP
LS150 (19“ 1U, 350W) – 2 outputs, SNMP
PS1500.J(S) (19“ 1U, 830W) - SNMP
PS1500 (19“ 2U, 5220W) - SNMP

LS110.J (19“, 150W) 1(2) outputs, SNMP, automatic capacity test

- **Input voltage 230V~50Hz, active PFC, -30°C - +60°C**
- **Output voltages 27.6V or 27.6V/48V / 150W output power**
- **IUoU temperature controlled charging curve**
- **Signaling: mains failure, battery capacity < 50%**
- **SNMP with WEB page, 2x IP watchdog, automatic/manual reboot of connected devices, events history, manual or automatic battery capacity test (monthly, ¼ ½, 1x yearly)**
- **Mounting type: 19” 1U; Standards: EN 60950, EN 61000-3-2, EN 55032**

Backup power supply of LS110.J(S) type with 1 (2) output voltage is designed for reverse supply 24V or 24/48V up to 150W total. It disposes with a converter built in most advanced technology of the energy conversion with respect to maximum efficiency. In case of mains failure, the connected 24V battery provides the backup supply of connected load. The charging voltage is thermally controlled.

LEDs on the front panel inform about the mains, output voltage, charging and battery condition status. Remote signaling indicates mains failure and battery capacity <½. The SNMP adapter with its own WEB page sends traps, e-mails and gives information about the whole power system. It allows monitoring up to two binary states – relay contacts and it can control two independent relays (reboot by watchdog of IP address, manual ON/OFF or any power supply failure). SNMP agent allows to execute battery capacity test with own connected load manually or automatically with period 1x per month, ¼, ½, or 1x per year and it sends traps and e-mails with capacity test results.

Model specification:

LS110.J(S) XXxxYYyy – J = 19”, S = SNMP with WEB, XXxx = nominal output voltage 1 and 2, YYyy = maximum output current 1 and 2.

LS110.J is designed for 19” rack mounting. Connection to the mains is through flexible cable on the rear panel. Outputs, relays, battery and power source signaling plug allow connection with wire cross-section up to 2.5 mm2. RJ45 connects LAN network.

MODEL SPECIFICATION	LS110.J 2405	LS110.JS 2405 SNMP	LS110.J 24480502	LS110.JS 24480502 SNMP
Input voltage	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz
Output voltage	27.6V(5A)	27.6V(5A)	+27.6V(5A); -48V(2A)	+27.6V(5A); -48V(2A)
Output power	150W	150W	150W/100W	150W/100W
Efficiency	93%	93%	91%	91%
Insulation strength input / output	4kV	4kV	4kV	4kV
Operating temperature	-30°C - +60°C	-30°C - +60°C	-30°C - +60°C	-30°C - +60°C
Local signalization	LED	LED	LED	LED
Remote signalization	Mains failure Battery capacity <½	Mains failure Battery capacity <½ SNMP	Mains failure Battery capacity <½	Mains failure Battery capacity <½ SNMP
Parallel operation	No	No	No	No
Air flow / Overtemperature protection	Forced / 85°C	Forced / 85°C	Forced / 85°C	Forced / 85°C
Battery charge current	2A	2A	2A	2A
LVD (low voltage disconnect)	21V / 5A	21V / 5A	21V / 5A	21V / 5A
Dimensions WxHxD (mm)	436x45x150mm	436x45x150mm	436x45x150mm	436x45x150mm
Weight (kg)	1.2kg	1.35kg	1.25kg	1.4kg
Degree of protection	IP20	IP20	IP20	IP20
Part No.	IP.4131.763.89	IP.4131.763.90	IP.4132.763.91	IP.4132.763.92

LS110.J(S) (19“, 280W) 1(2) outputs, SNMP, automatic capacity test BACK UP POWER SUPPLIES

- **Input voltage 230V~50Hz, active PFC, -30°C - +60°C**
- **Output voltages 27.6V, 55.2V, +27.6V/-48V, +27.6V/-48V/150V, -55.2V/24V/150V / 280W output power**
- **IUoU temperature controlled charging curve**
- **Signaling: mains failure, battery capacity < 50%**
- **SNMP with WEB page, 2x IP watchdog, automatic/manual reboot of connected devices, events history, manual or automatic battery capacity test (monthly, ¼ ½, 1x yearly)**
- **Mounting type: 19” 1U; Standards: EN 60950, EN 61000-3-2, EN 55032**

Backup power supply of LS110.J(S) type with 1 (2, 3) output voltage is designed for reverse supply 24V or 48V or combination of them up to 280W total. It disposes with a converter built in most advanced technology of the energy conversion with respect to maximum efficiency. In case of mains failure, the connected 24V (48V) battery provides the backup supply of connected load. The charging voltage is thermally controlled. Special feature is a DC converter 150VDC/100W to supply device with input voltage 100÷230VAC~50(60) Hz.

LEDs on the front panel inform about the mains, output voltage, charging and battery condition status. Remote signaling indicates mains failure and battery capacity <½. The SNMP adapter with its own WEB page sends traps, e-mails and gives information about the whole power system. It allows monitoring up to two binary states – relay contacts and it can control two independent relays (reboot by watchdog of IP address, manual ON/OFF or any power supply failure). SNMP agent allows to execute battery capacity test with own connected load manually or automatically with period 1x per month, ¼, ½, or 1x per year and it sends traps and e-mails with capacity test results.

Model specification: LS110.J(S) $XXxx_{XX}YYyy_{YY}$ – J = 19”, S = SNMP with WEB, $XXxx_{XX}$ = nominal output voltage 1 (2, 3), $YYyy_{YY}$ = maximum output current 1 (2, 3).

LS110.J is designed for 19” rack mounting. Connection to the mains is through flexible cable on the rear panel. Outputs, relays, battery and power source signaling plug allow connection with wire cross-section up to 2.5 mm2. RJ45 connects LAN network.

MODEL SPECIFICATION	LS110.J 2410	LS110.JS 2410 SNMP	LS110.J 24481002	LS110.JS 24481002 SNMP	LS110.J 2448150100201	LS110.JS 2448150100201 SNMP	LS110.J 4805	LS110.JS 4805 SNMP	LS110.JS 4824150050401 SNMP	LS110.J 481500501	LS110.JS 481500501 SNMP
Input voltage	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz
Output voltage	27.6V(10A)	27.6V(10A)	+27.6V(10A) -48V(2A)	+27.6V(10A) -48V(2A)	+27.6V(10A) -48V/2A, 150V(0.6A)	+27.6V(10A) -48V/2A, 150V(0.6A)	-55.2V(5A)	-55.2V(5A)	-55.2V(5A) 24V(4A), 150V(0.6A)	-55.2V(5A) 150V(0.6A)	-55.2V(5A) 150V(0.6A)
Output power	280W	280W	280W/100W	280W/100W	280W/100W/100W	280W/100W/100W	280W	280W	280W/100W/100W	280W/100W	280W/100W
Efficiency	93%	93%	93%	93%	93%	93%	91%	91%	91%	91%	91%
Insulation strength in /output	4kV	4kV	4kV	4kV	4kV	4kV	4kV	4kV	4kV	4kV	4kV
Operating temperature	-30°C - +60°C	-30°C - +60°C	-30°C - +60°C	-30°C - +60°C	-30°C - +60°C	-30°C - +60°C	-30°C - +60°C	-30°C - +60°C	-30°C - +60°C	-30°C - +60°C	-30°C - +60°C
Local signalization	LED	LED	LED	LED	LED	LED	LED	LED	LED	LED	LED
Remote signalization	Mains failure Bat.capacity <½	Mains failure Bat.capacity <½ SNMP	Mains failure Bat.capacity <½	Mains failure Bat.capacity <½ SNMP	Mains failure Bat.capacity <½	Mains failure Bat.capacity <½ SNMP	Mains failure Bat.capacity <½	Mains failure Bat.capacity <½ SNMP	Mains failure Bat.capacity <½ SNMP	Mains failure Bat.capacity <½	Mains failure Bat.capacity <½ SNMP
Parallel operation	No	No	No	No	No	No	No	No	No	No	No
Air flow / Overtemperature protection	Forced / 85°C	Forced / 85°C	Forced / 85°C	Forced / 85°C	Forced / 85°C	Forced / 85°C	Forced / 85°C	Forced / 85°C	Forced / 85°C	Forced / 85°C	Forced / 85°C
Battery charge current	2A	2A	2A	2A	2A	2A	2A	2A	2A	2A	2A
LVD (low voltage disconnect)	21V / 10A	21V / 10A	21V / 10A	21V / 10A	21V / 10A	21V / 10A	42V / 5A	42V / 5A	42V / 5A	42V / 5A	42V / 5A
Dimensions WxHxD (mm)	436x45x150mm	436x45x150mm	436x45x150mm	436x45x150mm	436x45x150mm	436x45x150mm	436x45x150mm	436x45x150mm	436x45x150mm	436x45x150mm	436x45x150mm
Weight (kg)	1.2kg	1.45kg	1.35kg	1.5kg	1.4kg	1.55kg	1.3kg	1.45kg	1.55kg	1.35kg	1.5kg
Degree of protection	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20
Part No.	IP.4131.763.99	IP.4131.763.100	IP.4132.763.105	IP.4132.763.106	IP.4133.763.107	IP.4133.763.108	IP.4131.763.101	IP.4131.763.102	IP.4133.763.133	IP.4132.763.103	IP.4132.763.104

LS150 (19“ 1U, 350W) – SNMP

- **Input voltage 230V~50Hz, active PFC, -30°C - +60°C**
- **Output voltages +13.8V, 27.6V and 55.2V adjustable, 350W output power**
- **IUoU temperature controlled charging curve**
- **LED, LCD display with management system**
- **Signaling: mains failure, battery capacity < 50%**
- **SNMP with WEB page, events history, traps, time server, e-mail server**
- **Mounting type: 19” 1U; Standards: EN 60950, EN 61000-3-2, EN 55032**

The LS150 1U type with 1 output voltage is designed for reverse supply 13.8V, 27.6V or -55.2V up to 350W total. It disposes with a converter built in most advanced technology of the energy conversion with respect to maximum efficiency. In case of mains failure, the connected 12V (24V, 48V) battery provides the backup supply of connected load. The charging voltage curve is thermally controlled and the charging current can be set at 4 levels. Output is dimensioned to 41A.

LEDs on the front panel inform about the converter and battery condition status. Remote signaling indicates mains failure and battery capacity <½.

LCD display informs about output voltage, current, load, battery and fault status. The SNMP adapter with its own WEB page sends traps, e-mails and gives information about the whole power system. It allows monitoring up to two binary states – relay contacts (battery breaker, output breaker, door contact etc.)

Model specification: “J” = 1x input 230V~50Hz, LED signalization, remote signalization + potential-free relay contacts = BASIC

- Extended (JE) - LS150.JE – Basic + power supply management system
- SNMP (JS) - LS150.JS – Extended + SNMP adapter with WEB page

LS150 is designed for 19” frames. Connection to the mains is through flexible cable on the rear panel. All other connections are on the front panel. Terminals for battery and output allow wire connection up to 6mm2.

MODEL SPECIFICATION	LS150.J 1225 -	LS150.J 2412 -	LS150.J 4806 -	LS150.JE 1225 PSMS	LS150.JE 2412 PSMS	LS150.JE 4806 PSMS	LS150.JS 1225 PSMS+SNMP	LS150.JS 2412 PSMS+SNMP	LS150.JS 4806 PSMS+SNMP
Input voltage	230V~50Hz, ±10%			230V~50Hz, ±10%			230V~50Hz, ±10%		
Output voltage	13.8V(25A)	27.6V(12.5A)	55.2V(6.25A)	13.8V(25A)	27.6V(12.5A)	55.2V(6.25A)	13.8V(25A)	27.6V(12.5A)	55.2V(6.25A)
Output power	350W			350W			350W		
Efficiency	92%	93%	94%	92%	93%	94%	92%	93%	94%
Insulation strength input / output	4kV			4kV			4kV		
Operating temperature	-30°C - +60°C			-30°C - +60°C			-30°C - +60°C		
Local signalization	LED			LED, LCD			LED, LCD		
Remote signalization	Relay contacts Mains failure, battery capacity <1/2			Relay contacts Mains failure, battery capacity <1/2			Relay contacts Mains failure, battery capacity <1/2, SNMP		
Parallel operation	No			No			No		
Air flow / Overtemperature protection	Controlled / Yes			Controlled / Yes			Controlled / Yes		
Battery / charge current	4A, 6A, 16A, 25A	2A, 3A, 8A, 12A	1A, 1.5A, 4A, 6A	4A, 6A, 16A, 25A	2A, 3A, 8A, 12A	1A, 1.5A, 4A, 6A	4A, 6A, 16A, 25A	2A, 3A, 8A, 12A	1A, 1.5A, 4A, 6A
LVD (low voltage disconnect) / Imax	<10.5V (41A)	<21V (41A)	<42V (41A)	<10.5V (41A)	<21V (41A)	<42V (41A)	<10.5V (41A)	<21V (41A)	<42V (41A)
Dimensions W x H x D (mm)	436x44.5x180			436x44.5x180			436x44.5x180		
Weight (kg)	1.7kg			1.7kg			1.8kg		
Degree of protection	IP20			IP20			IP20		
Part No.	IP.4131.768.64	IP.4131.768.65	IP.4131.768.66	IP.4131.768.67	IP.4131.768.68	IP.4131.768.69	IP.4131.768.70	IP.4131.768.71	IP.4131.768.72

LS150 (19“ 1U, 350W) – 2 outputs, SNMP

- **Input voltage 230V~50Hz, active PFC, -30°C - +60°C**
- **Output voltages +27.6V/-48V, -55.2V/24V adjustable, 350W output power**
- **IUoU temperature controlled charging curve**
- **LED, LCD display with management system**
- **Signaling: mains failure, battery capacity < 50%**
- **SNMP with WEB page, events history, traps, time server, e-mail server**
- **Mounting type: 19” 1U; Standards: EN 60950, EN 61000-3-2, EN 55032**

The LS150 1U type with 2 output voltage is designed for reverse supply +27.6V/-48V or -55.2V/+24V up to 350W total. It disposes with a converter built in most advanced technology of the energy conversion with respect to maximum efficiency. In case of mains failure, the connected 24V (48V) battery provides the backup supply of connected load. The charging voltage curve is thermally controlled and the charging current can be set at 4 levels. Output is dimensioned to 41A.

LEDs on the front panel inform about the converter and battery condition status. Remote signaling indicates mains failure and battery capacity <½.

LCD display informs about output voltage, current, load, battery and fault status. The SNMP adapter with its own WEB page sends traps, e-mails and gives information about the whole power system. It allows monitoring up to two binary states – relay contacts (battery breaker, output breaker, door contact etc.)

LS150 are manufactured in 2 accessory sets:

- Extended – LS150.JE – Basic (Equipped with local LED signalization, remote signalization (potential-free relay contacts)) + power supply management system
- SNMP – LS150.JS – Extended + SNMP adapter with WEB page

Designation “J” = 1x input 230V~50Hz

LS150 is designed for 19” frames. Connection to the mains is through flexible cable on the rear panel. All other connections are on the front panel. Terminals for battery and output allow wire connection up to 6mm2.

MODEL SPECIFICATION	LS150.JE 24481202	LS150.JS 24481202 SNMP	LS150.JE 24481203	LS150.JS 24481203 SNMP	LS150.J 24481202R	LS150.J 48240604
Input voltage	230V~50Hz		230V~50Hz		230V~50Hz	230V~50Hz
Output voltage	+27.6V(12.5A); -48V(2A)		+27.6V(12.5A); -48V(3A)		+27.6V(6.25A); +48V(2A)	-55.2V(6.25A); +24V(4A)
Output power	350W / 100W		350W /150W		350W /100W	350W /100W
Efficiency	93% / +27.6V; 91% / -48V		93% / +27.6V; 91% / -48V		93% / +27.6V; 91% / -48V	94% / -55.2V; 89% / +24VV
Insulation strength input / output	4kV		4kV		4kV	4kV
Operating temperature	-30°C - +60°C		-30°C - +60°C		-30°C - +60°C	-30°C - +60°C
Local signalization	LED, LCD		LED, LCD		LED	LED
Remote signalization	Relay contacts Mains failure, batt. capacity <1/2	Relay contacts Mains failure, batt. capacity <1/2 SNMP	Relay contacts Mains failure, batt. capacity <1/2	Relay contacts Mains failure, batt. capacity <1/2 SNMP	Relay contacts Mains failure, batt. capacity <1/2	Relay contacts Mains failure, batt. capacity <1/2
Parallel operation	No		No		No	No
Air flow / Overtemperature protection	Controlled / Yes		Controlled / Yes		Controlled / Yes	Controlled / Yes
Battery / charge current	24V lead acid /2A, 3A, 8A, 12.5A		24V lead acid / 2A, 3A, 8A, 12.5A		24V lead acid /2A, 3A, 8A, 12.5A	48V lead acid / 1-1.5-4-6A
LVD (low voltage disconnect) / Imax	<21V (41A)		<21V (41A)		<21V (41A)	<42V (41A)
Dimensions W x H x D (mm)	436x44.5x180		436x44.5x180		436x44.5x180	436x44.5x180
Weight (kg)	1.8kg		1.8kg		1.7kg	1.7kg
Degree of protection	IP20		IP20		IP20	IP20
Part No.	IP.4132.768.75	IP.4132.768.76	IP.4132.768.75	IP.4132.768.76	IP.4132.768.87	IP.4132.768.88

PS1500.J(S) (19“ 1U, 830W) - SNMP

- **Input voltage 230V~50Hz, active PFC**
- **Output voltage 48V(15A) adjustable / 830W output power, 3x electronically protected outputs 6A**
- **IUoU temperature controlled charging curve**
- **LED, LCD display unit, 4x potential-free relay contacts, SNMP with WEB, events history**
- **Signaling: mains failure, battery capacity < 50%**
- **SNMP with WEB page, events history, traps, time server, e-mail server**
- **Mounting type: 19” 1U; Standards: EN 60950, EN 61000-3-2, EN 55032**

The PS1500.J(S) backup power supply is designed for reverse supply of 48V devices with output power up to 830W. In case of mains failure, the connected battery provides the backup supply of connected load. After the mains powers up, the backup power supply ensures battery charging to its full capacity. The charging voltage is temperature controlled and the charging current can be set at 4 levels. The main output can feed the load up to 15A. Other three 6A outputs are electronically protected against overcurrent.

The user is about the state of power supply informed locally (LEDs, LCD display) or remotely thru SNMP adapter. The own website obtains all information about power supply condition. The PS1500 disposes with 4x relay contacts – mains failure, power supply failure, overcurrent failure of 1,2,3 outputs and decrease of battery capacity under ½. The PS1500 can monitor 2 binary input signals - output and battery breaker contacts.

Model specification:

PS1500.J(S) XXYY 1U- J = 1x 230V~50Hz, S = SNMP with WEB, XX = nominal output voltage, YY = maximum output current, 1U = high 44.5mm

The power supply is designed for 19” frames. Mains connection is through flexible lead on the rear. Battery, outputs, binary inputs, signalization and Ethernet plug are on the front panel. Battery

MODEL SPECIFICATION	PS1500.J 4815 1U PSMS	PS1500.JS 4815 1U PSMS + SNMP
Input voltage	230V~50Hz	230V~50Hz
Output voltage	55.2V(15A)	55.2V(15A)
Output power	830W	830W
Efficiency	92%	92%
Insulation strength input / output	4kV	4kV
Operating temperature	-25°C - +50°C	-25°C - +50°C
Local signalization	LED. LCD	LED. LCD
Remote signalization	Relay contacts Mains failure, converter ERR, output ERR 1.2.3, Vbat<46V	Relay contacts, SNMP Mains failure, converter ERR, output ERR 1.2.3, Vbat<46V
Parallel operation	No	No
Overcurrent protection	16.5A, 3x 6A	16.5A, 3x 6A
Charge voltage / current	55.2V / 10A	55.2V / 10A
Temperature compensation	-66mV / °C / battery	-66mV / °C / battery
LVD (low voltage disconnect)	42V	42V
Mounting type	19“ / 1U	19“ / 1U
Dimensions W x H x D (mm)	436x44.5x204 mm	436x44.5x204 mm
Weight (kg)	2.6 kg	2.7 kg
Degree of protection	IP20	IP20
Part No.	IP.4131.763.36	IP.4131.763.55

- **Input voltage 1 (3)x 230V~50Hz**
- **Output voltage 24V (48V) adjustable / up to 5220W output power**
- **IUoU temperature controlled charging curve**
- **LED, LCD display unit, 2x potential-free relay contacts – converter err, battery capacity < 50%**
- **SNMP with WEB page, events history, traps, time server, e-mail server**
- **Mounting type: 19” 2U**
- **Standards: EN 60950, EN 55032**

The PS1500 2U is designed for reverse supply of 24V (48V) devices with output power up to 5220W. The input voltage range is 1 (3)x 230V~50Hz. PS1500 2U allows parallel operation up to 2(3) units with respect to LVD output current. In case of mains failure, the connected battery provides the backup supply of connected load. After the mains powers up, the backup power supply ensures battery charging to its full capacity. The IUoU voltage charging curve is temperature controlled.

The user is about the state of power supply informed locally (LEDs, LCD display) or remotely thru potential-free relay contacts (converter err, battery capacity <½) and SNMP adapter. The own website obtains all information about power supply condition. The PS1500 can monitor 2 binary input signals - output and battery breaker contacts.

Model specification:

- PS1500.T(S) XXYY - T = 3x 230V ~ mains input, S = SNMP with WEB page, XX = nominal output voltage, YY = nominal output current
- For units paralleling is necessary to use a communication cable type PS1500.USB – IMCO POWER part number: IP.4000.033.01

The power supply is designed for 19” frames. Mains connection is on the rear. Battery, outputs, binary inputs, signalization and SNMP are ready to be connected on the front panel.

MODEL SPECIFICATION	PS1500.J 2425 PSMS	PS1500.JS 2425 PSMS + SNMP	PS1500.J 2450 PSMS	PS1500.JS 2450 PSMS + SNMP	PS1500.J 4830 PSMS	PS1500.JS 4830 PSMS + SNMP	PS1500.T 4845 PSMS	PS1500.TS 4845 PSMS + SNMP	PS1500.TS 4890 PSMS + SNMP
Input voltage	1x 230V~50Hz	1x 230V~50Hz	1x 230V~50Hz	1x 230V~50Hz	1x 230V~50Hz	1x 230V~50Hz	3x 230V~50Hz	3x 230V~50Hz	3x 230V~50Hz
Output voltage	27.6V(25A)	27.6V(25A)	27.6V(50A)	27.6V(50A)	55.2V(30A)	55.2V(30A)	55.2V(45A)	55.2V(45A)	55.2V(90A)
Output power	720W	720W	1440W	1440W	1740W	1740W	2610W	2610W	5220W
Efficiency	92%	92%	92%	92%	94%	94%	94%	94%	94%
Insulation strength input / output	4kV	4kV	4kV	4kV	4kV	4kV	4kV	4kV	4kV
Operating temperature	-25°C - +50°C	-25°C - +50°C	-25°C - +50°C	-25°C - +50°C	-25°C - +50°C	-25°C - +50°C	-25°C - +50°C	-25°C - +50°C	-25°C - +50°C
Local signalization	LED. LCD	LED. LCD	LED. LCD	LED. LCD	LED. LCD	LED. LCD	LED.LCD	LED.LCD	LED. LCD
Remote signalization	Relay contacts Converter err, Vbat<23V	Relay contacts, SNMP Converter err, Vbat<23V	Relay contacts Converter err, Vbat<23V	Relay contacts, SNMP Converter err, Vbat<23V	Relay contacts Converter err, Vbat<46V	Relay contacts, SNMP Converter err, Vbat<46V	Relay contacts Converter err, Vbat<46V	Relay contacts ,SNMP Converter err, Vbat<46V	Relay contacts , SNMP Converter err, Vbat<46V
Parallel operation	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Overcurrent protection	33A	33A	52A	52A	33A	33A	50A	50A	100A
Charge voltage / current	27.6V/10A	27.6V/10A	27.6V/10A	27.6V/10A	55.2V/10A	55.2V/10A	58.4V/55.2V /15A	58.4V/55.2V /15A	58.4V/55.2V /30A
Temperature compensation	-33mV / °C / battery	-33mV / °C / battery	-33mV / °C / battery	-33mV / °C / battery	-33mV / °C / battery	-33mV / °C / battery	-66mV / °C / battery	-66mV / °C / battery	-66mV / °C / battery
LVD (low volt.disconnect) / Imax.	21V/60A	21V/60A	21V/60A	21V/60A	42V/60A	42V/60A	42V/90A	42V/90A	42V/150A
Mounting type	19“/2U	19“/2U	19“/2U	19“/2U	19“/2U	19“/2U	19“ / 2U	19“ / 2U	19“ / 2U
Dimensions W x H x D (mm)	436x88x328	436x88x328	436x88x328	436x88x328	436x88x328	436x88x328	436x88x446	436x88x446	436x88x506
Weight (kg)	2.8 kg	2.9 kg	5.5 kg	5.6 kg	4.5 kg	4.6 kg	6.2 kg	6.3 kg	12,3 kg
Degree of protection	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20
Part No.	IP.4141.765.07	IP.4141.765.08	IP.4141.765.09	IP.4141.765.10	IP.4141.765.03	IP.4141.765.04	IP.4341.735.13	IP.4341.735.14	IP.4341.735.50