> Ratings			
	20 W	60 W	125 W
12 V DC	2 A	5 A	10 A
24 V DC	1 A	2.5 A	5 A
The currents (I_n) shown are at rated output power.			

> Standard-based specifications	
Safety	EN 62368-1
EMC - Immunity	EN 61000-6-1 • EN 61000-6-2
EMC - Emission	EN 61000-6-3 • EN 61000-6-4 • EN 55032 class B
Trade	EN 50131 - 6 Grade 2 (models with casing: a switch with a wired contact loop detects when the cover is opened or the unit is removed from the wall)
Environment	This product range meets the environmental requirements of ISO 14001, RoHS and WEEE standards.

> Environmental specifications		
Humidity	in operation: relative humidity 20% to 95% non-condensing	
Storage temperature	-25 °C to +85 °C	
Working temperature	75% of load	-10°C to +60°C
	100% of load	-10°C to +55°C
Altitude	Above 2,000 m, the maximum temperature decreases by 5% every 1,000 m	
Working life	200,000 hours at 25°C for external atmosphere and 75% load	

> Input specifications			
Voltages	198 to 264 V AC single-phase		
Frequency	45 to 65 Hz		
Neutral system	TT - TN - IT		
Inrush current	limited by CTN		
Upstream circuit breaker recommended	Bipolar curve D		
Class	Class I		
	20 W	60 W	125 W
Primary current @ 198 V	0.17 A	0.45 A	1 A
Converter			
At 20% load	70%	79%	83%
At rated load	82%	84%	88%

> Output specifications		
Rated voltage	12 V DC	24 V DC
Floating voltage (U_n) set at half-load and 25°C	13.6 V	27.2 V
Current limitation	I_n	

> For reliable output voltage		
Protection against external attack	**- Resistance to all types of external aggressions:** • Overvoltages encountered on the mains network (lightning, industrial, isolation fault on impedance-earthed neutral system, etc.) • Short-circuit on the primary power supply by a slow-blow fuse on the phase. • Differential mode shock waves by varistor and fuse. • Battery polarity inversions. • Overcurrents and short-circuits at secondary. • Short-circuits inside the product, protected by primary fuse.	
Charger current limitation control	- **Output current limitation** allows a charging cycle to be started with a discharged battery. • Protects the product completely from short-circuits on the installation. • The selectivity of the protective devices is guaranteed by the battery fuse.	
High-performance regulation and filtering	**- Particularly efficient output voltage regulation.** • Dynamic regulation < 5% U_n for cumulative variations of the mains voltage and the load (from 10% to 90%). - **Enhanced filtering** which eliminates all interference and reduces the residual ripple on the DC output. Battery capacity preserved and a guarantee of optimum system operation. • LF rms ripple voltage < 0.2% U_n. • HF ripple voltage (20 MHz-50 Ω) < 4% U_n. *N.B.: the AXS2 range can work without a battery and be used connected directly to the mains.*	
> For emergency power source control		
System control	**- Monitoring of:** • The status of fuses, mains, battery. • Battery voltage. • Its operating status.	
Battery charge management	**- This function is essential** for reaching the design life and to ensure optimum operation of the battery. • The load voltages are factory set for "sealed" recombination-type lead acid batteries. • They are consistent with the battery manufacturers' recommendations.	
> For optimal communication		
Display and remote reporting of the information	- Mains or rectifier fault (1 dry contact) - Low voltage battery fault (1 dry contact)	
On motherboard	A LED on the motherboard indicates the operational state before the cabinet is closed. Signals: - All OK: green - Faults: orange	
Communication	20 W - 60 W	125 W
	Dry contacts (failsafe): 1 A @ 24 V DC, 0.3 A @ 125 V AC. There are a total of 3 dry contacts: - mains or rectifier - battery voltage - cover opening and wall detachment are grouped on one tamper dry contact.	Dry contacts (failsafe): 1 A @ 24 V DC, 0.3 A @ 125 V AC. There are a total of 2 dry contacts: - mains, rectifier, battery voltage are grouped on one dry contact. - cover opening and wall detachment are grouped on one tamper dry contact.

> Connection specifications	
Screw terminal	0.2 to 2.5 mm^2
> Options	
Kit 2 x 5 outputs (fuse protected) (only for the C34 version)	- Board to be installed by the customer. - Secured by 4 clips. - Connectors with 2.5 mm^2 screw terminals. - 5 x 20 fuse, rating 4 A.

> Mechanical characteristics				
Version	Size W X H X D (mm)	IP	Base	Cover
DIN	105 x 90 x 62	IP10	ABS	ABS
CG2	125 x 231 x 73	-	Metal	Protective grille
C7	243 x 195 x 96	IP30	Metal, RAL 9006	ABS RAL 9003
C24	322 x 248 x 126	IP30	Metal, RAL 9006	ABS RAL 9003
C34	367 x 352 x 108	IP30	Metal, RAL 9006	Metal, RAL 7035
C38	289 x 350 x 189	IP31	Metal, RAL 7035	Metal, RAL 7035

> Types of battery cabinet			
Cabinet	Type	12 V DC	24 V DC
DIN	DIN rail	-	-
CG2	DIN rail	-	-
C7	Wall-mounted	7 Ah	1.2 Ah
C24	Wall-mounted	7 Ah, 12 Ah, 24 Ah (2 x 12 Ah)	7 Ah, 12 Ah
C34	Wall-mounted	7 Ah, 17 Ah	7 Ah, 17 Ah
C38	Wall-mounted & floor-mounted	17 Ah, 24 Ah, 38 Ah	17 Ah, 24 Ah

> C34 configuration	
Configuration	Space for customer equipment available (mm)
Two 7 Ah batteries	210 x 170
One 17 Ah battery	310 x 170
One 17 Ah battery + two 5-output boards (fuse protected)	140 x 170

SLAT can change specifications on his products without prior notice.