



1.2. MODELS

The following tables show all the characteristics of both types:

	XPS/T 18K36S	XPS/T 30K60S	XPS/T 67K90S
GENERAL			
Dimensions	1560 x 930 x 755 mm	1560 x 930 x 755 mm	1800 x 1200 x 800 mm
Dimensions with rolls and crane support	1785 x 930 x 755 mm	1785 x 930 x 755 mm	2082 x 1200 x 800 mm
Weight	740Kg	740Kg	1300Kg
Area floor	0.59m ²	0.59m ²	0.96m ²
Floor landing (approx)	1260Kg/m ²	1260Kg/m ²	1230Kg/m ²
Operating Temperature	0°C - 35°C		
User Interface	7" Touch Screen Display		
Communication Interface	RS232, RS485 Modbus protocol, LAN		
Protection	Overtemperature, Overvoltage, Undervoltage, Inverter, Overvoltage PE		
Current Limitation	Programmable and selectable from INSTANTANEOUS & RMS & SOF		
Efficiency	Better than 88% at full power		
INPUT			
Input Voltage ⁽²⁾	400Vac ± 10% 3PH		
Input Frequency	45-65Hz		
Input Current	60A Continuous 120A Max	80A Continuous 160A Max	160A Continuous 220A Max
3-PHASE ISOLATED OUTPUT			
Output Voltage AC (Line to Neutral)	0 - 300 Vrms		
Output Voltage DC (Line to Neutral)	0 - 425 ⁽³⁾ Vdc		
Output DC Offset	<50 mVdc		
Output Noise	<500 mVrms		
Maximum Output Power AC	18000 VA	30000 VA	67500 VA
Maximum Output Power DC	18000 W	30000 W	67500 W
Maximum Output Power AC for each phase	6000 ⁽⁴⁾ VA	10000 ⁽⁴⁾ VA	22500 ⁽⁴⁾ VA
Maximum Output Power DC for each phase	6000 ⁽⁴⁾ W	10000 ⁽⁴⁾ W	22500 ⁽⁴⁾ W
Maximum Output Current Continuous	20 ⁽⁴⁾ Arms	32 ⁽⁴⁾ Arms	75 ⁽⁴⁾ Arms
Maximum Output Current Inrush (for 3 secs)	40 ⁽⁴⁾ Arms	64 ⁽⁴⁾ Arms	100 ⁽⁴⁾ Arms
Output Frequency	DC & 10 - 1000 Hz		
Slew Rate	3 V/μs		
Output Voltage Stability	<0.1%		
Output Voltage Accuracy (respect the full range voltage)	<0.5%		
THD ⁽⁵⁾	<0.3%		
Recovery-Time of Output Waveform	<50 μs		
Maximum Compensated Drop (respect setting voltage)	5%		
Recovery-Time of Drop on Wires	<200 ms		
Response-Time to the Square Waveform	~135 μs		

⁽²⁾ other voltages on request

⁽³⁾ current derating required for voltage > 300Vdc, see the attached figure

⁽⁴⁾ with single phase option (available on request) multiply for three this values

⁽⁵⁾ at nominal voltage with linear load