

Type	DRAGANSTD1120
Rated power	20kVA
Operation voltage range	130-270 VAC
Input voltage range	170-260 VAC
Output voltage	220 VAC ± 1~2%
Rated output current	90 A
Correction speed	20 ms
Efficiency	>98%
Dimensions WxDxH / Weight	27X47X50cm / 70 kg



This image is indicative only.

“ By using the latest DSP technology, efficiency, reliability and functionality have been increased to levels unattainable with older analog technology. With DSP's ability to accurately process signals at very high speeds, it allows entire regulator-fed systems to be controlled with greatly increased precision. ”



INPUT	
Voltage	220/230/240 VAC 1P+N + G
Frequency	50Hz / 60Hz , ± %5
Current	118 A
Protect	Fuse
OUTPUT	
Voltage	220/230/240 VAC 1P + N, ± 1~2%
Frequency	50Hz / 60Hz , ± %5
Current	90 A
Protect	Passive and electronic protection; Overvoltage, undervoltage, overcurrent, peak, surge, spike protection
Efficiency	98 %
Overload Capacity	At %100 - %125 load : 10 min. - %125 - %200 load :2 min.
GENERAL	
Cooling	Natural ventilation (Aided with fans)
Ambient Temperature	- 25/ + 45 °C
Storage Temperature	- 25/ + 60 °C
Max. Relative Humidity	<95 % (Non Condensing)
Harmonic Distortion	None Introduced
Protection Degree	IP20
Instrumentation	2x16 LCD Screen
Installation	Indoor
Standards	EN50091-1/EN62040-1(safety) EN50091-2/EN62040-2 (EMC)
Communication	3 standard dry contact
Noise Level	< 57dBA
Altitude	< 2000m. Above sea level
Indicator Data	Phase+N in/out. voltage, Rated Current, Frequency, Menu
OPTIONAL FEATURES	
Input Voltage Range	220/230/240 VAC (1P + N); <input type="checkbox"/> 150-260VAC <input type="checkbox"/> 130-260VAC <input type="checkbox"/> 110-260VAC <input type="checkbox"/> 90-260VAC
Galvanic isolation transformer	Galvanic isolation transformer may be requested at the input and output..
Outdoor Cabinet	Outdoor cabin may be preferred.
Communication	Adapters SNMP, RS485, Remote monitoring panel, MODBUS (RS485 or TCP/IP), TCP/IP converter, GSM/GPRS Modem
Overvoltage Protection	Class II output surge arrestors
Colour	RAL 7035 and RAL 7021 standard colour,
<input type="checkbox"/> Fully digital modular structure controlled by DSP	
<input type="checkbox"/> Selectable input/output voltage/frequency range	
<input type="checkbox"/> At the entrance of the system there is an electricity noise filtering special filter system and network filters.	
<input type="checkbox"/> 2 Year warranty / 10 years spare parts support	
<input type="checkbox"/> Takes up little space	