

MODEL	SIRIO K330 HV-MT
Rated power [kW]	330
INPUT	
Maximum PV power (Pmax) [kWp]	380
Minimum recommended PV power (Pmin) [kWp]	260
Recommended Vo@STC voltage (Vo) [V]	710 – 760
DC voltage range, MPPT (Vcc) [V]	450 – 760
Maximum DC voltage (Vcc, max) [V]	1000
Start-up voltage (Vstart-up) [V]	540
Max DC current (Icc, max) [A]	780
Voltage ripple on modules [%]	<1
DC inputs	6 x 140 A (OPT)
OUTPUT	
Rated AC power (p.f. =1) (Pca) [kW]	330
Rated voltage (Vca) [V]	270 three-phase (+/-15%)
Rated current (Ica) [Aca]	706
Max current (Ica) [Aca]	830
Rated frequency (Fca) [Hz]	50 (+2 / -3)
Distribution system	IT
Harmonic distortion of the network current (THDi) [%]	<3 with rated power
Nominal Power factor (cos φ) [%]	>0.99 (adjustable ± 0.9)
Contribution to short circuit current (Icc) [A]	1250
STANDARDS	
Electromagnetic compatibility	YES
CE conformity	YES
PROTECTION DEVICES AND ENVIRONMENTAL CONDITIONS	
IP protection degree EN60529	IP20
Environmental categories	Indoor, unconditioned
Overvoltage category (EN62109)	III (DC) – III (AC)
Pollution degree	3
Permitted temperature range (T) [°C]	-20 ÷ 50
Maximum height above sea level [m]	1000
Air change (with deltaT=5 °C) [m3/h]	6200
Direction of air flow	Intake through the base and the front. Extraction from the top
Max power dissipated (in overload) (P loss) [W – KCal/h]	8460 – 7230
MECHANICAL	
Weight [Kg]	1250
Dimensions (LxPxA)	1500x1000x1900