

# X3-Hybrid-G4 LV (THREE PHASE)

## X3-HYBRID-5.5-D

## X3-HYBRID-8.3-D

DC INPUT		
Max. PV array power [Wp]	11000	16600
Max. PV input voltage [V]		800
Start output voltage [V]		200
Nominal input voltage [V]		360
MPP voltage range [V]		160 ~ 650
No. of MPP trackers / Strings per MPP tracker		2 (2 / 1)
Max. input current (input PV1 / input PV2) [A]		28 / 16
Max. short circuit current (input PV1 / input PV2) [A]		35 / 20
AC INPUT & OUTPUT		
Nominal AC output power [W]	5500	8300
Max. AC output apparent power [VA]	6100	8300
Max. AC output current [A]	16.1	21.8
Max. AC input apparent power [VA]	11000	12100
Max. AC input current [A]	32	32
Nominal AC voltage [V]		127/220
Nominal grid frequency [Hz]		50 / 60
Displacement power factor		0.8 leading ~ 0.8 lagging
THDi (rated power) [%]		<3
BATTERY DATA		
Battery type	Lithium-ion battery / Lead-acid Battery	
Battery voltage range [V]	180 ~ 650	
Max. continuous charge / discharge current [A]	30	
EPS(OFF-GRID OR BACK-UP) OUTPUT (WITH BATTERY)		
Nominal output power [W]	5500	8300
Peak apparent power [VA]	9900, 10s	12400, 10s
Max.continuous current [A]	14.5	21.8
Nominal voltage [V]; Frequency [Hz]	127/220; 50 / 60	
Switch time [ms]	<10	
Parallel operation	YES	
SYSTEM DATA		
Degree of protection	IP65	
Operating temperature range [°C]	-35 ~ +60 (Derating above +45)	
Max. operation altitude [m]	<3000	
Relative humidity [%]	0 ~ 100	
Typical noise emission [dB]	<35	<45
Storage temperature [°C]	-40 ~ +70	
Dimensions (WxHxD) [mm]	503x503x199	
Net weight [kg]	30	
Cooling concept	Nature cooling	Smartcooling
Communication interfaces	CT/Meter(optional),ExternalcontrolRS485,PocketWiFi(Optional:PocketLan/4G),DRM,USBUpgrade,NTC(optional)	
POWER CONSUMPTION		
Internal consumption (night) [W]	<40W for standby, <5W for idle	
STANDARD		
Safety	EN/IEC62109-1/-2	
EMC	EN61000-6-1/2/3/4; EN61000-3-2/3/11/12	
Certification	VDE4105, G99, G98, AS4777, EN50549, CEI 0-21, IEC61727, PEA/MEA, NRS-097-2-1, RD1699, TOR	

V1.2. Information may be subject to modify without notice.