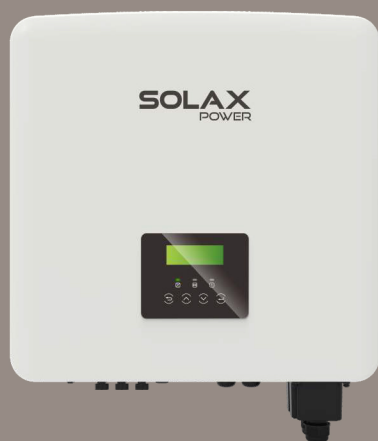


NEW FROM SOLAX

# X3-HYBRID G4









## X3-Hybrid-D/M

5.0kW/6.0kW/8.0kW

10.0kW/12.0kW/15.0kW

## Nové funkce X3-Hybrid G4

-  Podpora až 150% předimenzování na DC vstupu s nastavením přetoků nadbytečné energie do akumulátorů
-  Rychlé nabíjení a vysoce výkonné využití akumulované energie  
Maximální 30A nabíjecí a vybíjecí proud
-  Dálkové řízení střídače & upgrade  
Externí komunikační rozhraní
-  Provoz za extrémně nízkých teplot  
Využití maximálního výkonu při teplotách až do -35 °C
-  Dálkové řízení střídače & upgrade  
Podpora vyššího výkonu paralelního zapojení On & Off grid střídačů
-  Řešení nevyváženého AC výstupu  
Zabránění napěťové nerovnováhy při použití vysoce výkonných spotřebičů

For More Informations Contact Us

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# X3-HYBRID G4 (THREE PHASE)

X3-Hybrid-5.0-D    X3-Hybrid-6.0-D    X3-Hybrid-8.0-D    X3-Hybrid-10.0-D    X3-Hybrid-12.0-D    X3-Hybrid-15.0-D  
X3-Hybrid-5.0-M    X3-Hybrid-6.0-M    X3-Hybrid-8.0-M    X3-Hybrid-10.0-M    X3-Hybrid-12.0-M    X3-Hybrid-15.0-M

	<span style="color: orange;">8000</span>	10000	<span style="color: orange;">12000</span>	15000	<span style="color: orange;">18000</span>	18000
<b>INPUT (DC)</b>						
Max. recommended PV power[W]	<span style="color: orange;">8000</span>	10000	<span style="color: orange;">12000</span>	15000	<span style="color: orange;">18000</span>	18000
Max. DC voltage [V]	1000					
Nominal DC operating voltage [V]	630					
Max. input current (input A/input B) [A]	<span style="color: orange;">14/14</span>	14/14	<span style="color: orange;">26/14</span>	26/14	<span style="color: orange;">26/14</span>	26/14
Max. short circuit current (input A/input B) [A]	<span style="color: orange;">16/16</span>	16/16	<span style="color: orange;">30/16</span>	30/16	<span style="color: orange;">30/16</span>	30/16
MPPT voltage range[V]	180-950					
Start operating voltage[V]	200					
No. of MPP trackers / Strings per MPP tracker	<span style="color: orange;">2(1/1)</span>	2(1/1)	<span style="color: orange;">2(2/1)</span>	2(2/1)	<span style="color: orange;">2(2/1)</span>	2(2/1)
<b>INPUT AC</b>						
Max. apparent AC power[VA]	<span style="color: orange;">10000</span>	12000	<span style="color: orange;">16000</span>	20000	<span style="color: orange;">20000</span>	20000
Max. AC current[A]	<span style="color: orange;">16.1</span>	19.3	<span style="color: orange;">25.8</span>	32.0	<span style="color: orange;">32.0</span>	32.0
Nominal grid voltage(AC voltage range)[V]	415/240; 400/230; 380/220					
Nominal grid Frequency/range[Hz]	50/60					
<b>OUTPUT AC</b>						
Nominal AC power [VA]	<span style="color: orange;">5000</span>	6000	<span style="color: orange;">8000</span>	10000	<span style="color: orange;">12000</span>	15000
Max. apparent AC power [VA]	<span style="color: orange;">5500</span>	6600	<span style="color: orange;">8800</span>	11000	<span style="color: orange;">13200</span>	15000
Nominal grid voltage(AC voltage range) [V]	415/240; 400/230; 380/220					
Nominal grid frequency/range [Hz]	50/60					
Nominal AC current [A]	<span style="color: orange;">7.2</span>	8.7	<span style="color: orange;">11.6</span>	14.5	<span style="color: orange;">17.5</span>	21.8
Max. AC current [A]	<span style="color: orange;">8.1</span>	9.7	<span style="color: orange;">12.9</span>	16.1	<span style="color: orange;">19.3</span>	24.1
Displacement power factor	0.8 leading ... 0.8 lagging					
THDi, rated power [%]	<3					
<b>OUTPUT DC (BATTERY)</b>						
Battery type	Lead-acid/Lithium					
Battery voltage range [V]	180-650					
Recommended battery voltage[V]	400					
Max. continuous charge/discharge current [A]	30					
Communication interfaces	CAN/RS485					
Reverse connect protection	Yes					
<b>OFF-GRID OUTPUT (WITH BATTERY)</b>						
MAX. continuous apparent power [VA]	<span style="color: orange;">5000</span>	6000	<span style="color: orange;">8000</span>	10000	<span style="color: orange;">12000</span>	15000
Rated voltage[V],Frequency [Hz]	400/230VAC; 50/60					
MAX. continuous current [A]	<span style="color: orange;">7.2</span>	8.7	<span style="color: orange;">11.6</span>	14.5	<span style="color: orange;">17.5</span>	21.8
Peak apparent power [VA] Duration[s]	<span style="color: orange;">7500 60</span>	9000 60	<span style="color: orange;">12000 60</span>	15000 60	<span style="color: orange;">15000 60</span>	15000 60
Changeover time [ms]	<10					
THDv, linear Load [%]	<3					
<b>EFFICIENCY</b>						
MPPT efficiency [%]	99.9					
Euro efficiency [%]	97.7					
Max. efficiency [%]	98.0					
Euro battery discharge efficiency [%]	97.2					
<b>POWER CONSUMPTION</b>						
Standby consumption (Night) [W]	<20W for hot standby,<3W for cold standby					
<b>STANDARD</b>						
Safety	IEC62109-1/IEC62109-2					
EMC	EN61000-6-1/EN61000-6-2/EN61000-6-3					
Certification	VDE 0126-1-1 A1:2012 / VDE-AR-N 4105 / G98 / G99 / AS4777 / EN 50549 / CEI 0-21					
<b>ENVIRONMENT LIMIT</b>						
Degree of protection(according to IEC60529)	IP65					
Operating temperature range [°C]	-35~+60 (derating at +45, charge derating at +35)					
Max. operation altitude [m]	≤ 3000					
Humidity [%]	0-100 (condensing)					
Storage temperature [°C]	-35~+60					
Typical noise emission [dB]	<span style="color: orange;">40</span>	40	<span style="color: orange;">40</span>	40	<span style="color: orange;">60</span>	60
<b>DIMENSION AND WEIGHT</b>						
Dimensions(WxHxD) [mm]	482*417*181					
Weight[kg]	30					
Cooling concept	<span style="color: orange;">Natural</span>	Natural	<span style="color: orange;">Natural</span>	Natural	<span style="color: orange;">Fan</span>	Fan
Topology	Non-isolated					
Communication interfaces	Meter/ CT, external control RS485, Pocket series (optional), DRM,USB					
LCD display	Backlight 20*4 character					
Standard warranty [years]	10					