

INVERTER MODULE (Vdc / Vac)	24 / 230	48 / 230	60 / 230	110 / 230	220 / 230
GENERAL					
Efficiency (typical): Enhanced power conversion / on line	> 95.5 % / > 89.5 %		96 % / 91 %		96.5 % / 92.5 %
Ambient / storage temperature / relative humidity	-20 to +50 ° C / -40 to +70 ° C / 95 %, non-condensing				
AC OUTPUT POWER					
Nominal output power	1500 VA / 1200 W		2500 VA / 2000 W		
Short time overload capacity	150 % (15 seconds) 110 % permanent within T° range				
Internal temperature management and switch off	Yes				
AC OUTPUT SPECIFICATIONS					
Nominal voltage (AC*)	220 / 230 / 240 V				
Frequency / frequency accuracy	50...60 Hz / 0.03 %				
Total harmonic distortion (resistive load)	< 1.5 %				
Load impact recovery time	0.4 ms				
Turn on delay	20 s to 40 s depending on the number of modules installed				
Nominal current. Protected against reverse current	6.6 A		10.9 A		
Crest factor at nominal power	2.8 : 1		3:01		
With short circuit management and protection	2.8 : 1		3:01		
Short circuit clear up capacity	10 x In for 20 msec – available while mains is available at AC input port with magnitude control and management				
Short circuit current after clear up capacity	2.1 In during 15 s and 1.5 In after 15 s				
DC INPUT SPECIFICATIONS					
Nominal voltage (DC)	24 V	48 V	60 V	110 V	220 V
Voltage range (DC)	19...35 V	40...60 V	48...72 V	90...160 V	170...300 V
Nominal current	56 A @ 24 Vdc, 1200 W output	46 A @ 48 Vdc, 2000 W output	35 A @ 60 Vdc, 2000 W output	19 A @ 110 Vdc, 2000 W output	9.8 A @ 220 Vdc, 2000 W output
Maximum input current (for 15 second) / voltage ripple	84 A / < 100 mV rms	84 A / < 2 mV Psopho	52 A / < 100 mV rms	29 A / < 200 mV rms	14.9 A / < 200 mV rms
Input voltage boundaries	User selectable with T2S interface				
AC INPUT SPECIFICATIONS					
Nominal voltage (AC)	220 / 230 / 240 V 1P or 3P (Min 3 shelves for 3P)				
Voltage range (AC)	150...265 V				
Brownout	150 to 185 V linear derating 150 VA / 120 Watts per 10 Vac				
	1200 VA / 960 W @ 150 Vac	2000 VA / 1600 W @ 150 Vac			
Conformity range before transfer to DC	Adjustable				
Power factor	> 99%				
Frequency range (selectable) / synchronization range	50...60 Hz / range 47...53 Hz / 57...63 Hz				
IN TRANSFER PERFORMANCE					
Max. voltage interruption / total transient voltage duration (max)	0 s / 0 s				
SIGNALING & SUPERVISION					
Display	Synoptic LED				
Alarms output / supervision	Dry contacts on shelf / Web, MODBUS RTU, SNMP				
Remote on / off	On rear terminal of the shelf via T2S				