



EnergyTM



ON GRID INVERTER SYSTEM
SINGLE PHASE / 2 MPPTS

P100

คุณสมบัติ



รองรับกำลังไฟแผงสูงสุด 15 kW



กระแสไฟฟ้า PV สูงสุด 16A



ออกแบบสำหรับการใช้งาน Single Phase



ระบบป้องกันไฟกระชาก Type II
ทั้งกระแสตรงและกระแสสลับ



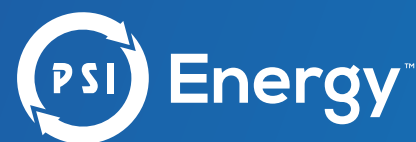
ระบบ MPPT แบบ 2 ชุด



รองรับการเพิ่มขนาดกำลังไฟฟ้าขาเข้า
ได้ถึง 150%

ON GRID INVERTER P100

SINGLE PHASE / 2 MPPTS



MODEL	P100
PV Input	
Max. Recommended PV Power [Wp]	15000
Max. PV Power for single MPPT [Wp]	7500
Max. PV Input Voltage [V]	600
MPPT Voltage Range [V]	80~550
Range PV Input Voltage [V]	360
Start- up Voltage [V]	100
No. of MPP Trackers	2
No. of Input Strings per Tracker	2/2
Max. PV Input Current [A]	32/32
Max. Short-circuit Current [A]	40/40
AC Output	
Rated AC Output Power [W]	10000
Max. AC Output Apparent Power [VA]	10000
Max. AC Output Current [A]	45.5
Rated AC Voltage [V]	L / N / PE, 220/ 230
Grid Frequency [Hz]	50/60
Adjustable Power Factor [cosφ]	0.8 leading ~ 0.8 lagging
Output THDi (@Rated Output)	< 3%
Power limit export	Zero export or adjustable power limit export
Efficiency	
Max. Efficiency	98.1%
Euro Efficiency	97.5%
Protection	
DC Insulation Monitoring	Integrated
Input Reverse Polarity Protection	Integrated
Anti-island Protection	Integrated
Residual Current Monitoring	Integrated
AC Overcurrent Protection	Integrated
AC Short-circuit Protection	Integrated
DC surge Protection	Integrated (Type II)
AC Surge Protection	Integrated (Type II)
DC Switch	Optional
General Data	
Dimensions (W x H x D) [mm]	428 x 385 x 185
Weight [kg]	17
Display	LED + OLED
Communication	RS485, USB Update, Optional : Wifi, 4G, Ethernet
Ambient Temperature Range [°C]	-25 ~ +60
Relative Humidity	0 ~ 100%
Operating Altitude [m]	≤ 2000
Night Self-consumption [W]	< 1
Topology	transformerless
Cooling	Natural
Ingress Protection	IP65
Noise [dB]	< 35
Certifications & Standards	
Grid Regulation	ORDINACE No.140
Safety Regulation	IEC 62109-1, IEC 62109-2, EN 62919-1, EN62619-2
EMC	EN IEC 61000-6-1, EN IEC 61000-6-3