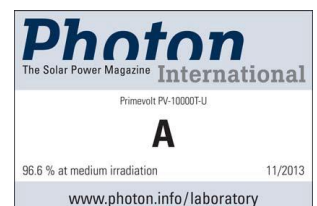
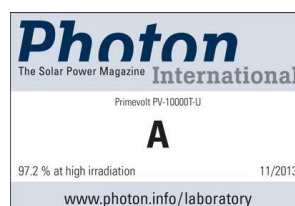




THREE PHASE ON-GRID PV INVERTER

FEATURES

- VDE-AR-N 4105 & VDE 0126-1-1/A1 & PEA & MEA Certificate
- Max & Euro Efficiency : 98.3% / 98.1%
- The Lightest 3-Phase PV Inverter
- Integrated DC Switch, Data Logger, Web Server
- RCR (Ripple Control Receiver, German model)
- Ethernet and Optional Wi-Fi
- Die-Cast Enclosure
- Cloud Web Portal
- Optimized for 6" Solar Cell Module
- Made In TAIWAN



SPECIFICATIONS

Item	Scale	PV-5000T-U	PV-8000T-U	PV-10000T-U	PV-15000T-U	PV-20000T-U	PV-30000T-U
Input (DC)							
MPPT Working Range	V	180 ~ 980	180 ~ 980	180 ~ 980	180 ~ 980	180 ~ 980	180 ~ 980
MPPT Range (Full Load)	V	550 ~ 850	550 ~ 850	550 ~ 850	550 ~ 850	550 ~ 780	550 ~ 780
Start-Up Voltage	V	260					
Max. DC Voltage	V	980					
Max. DC Current	A	10	10 x 2	10 x 2	20 x 1 / 10 x 1	20 x 2	30 x 2
Max. Short Circuit Current Isc	A	14	14 x 2	14 x 2	28 / 14	28 x 2	42 x 2
MPP Tracker No.		1	2				
Output (AC)							
Nominal Power	W	5000	8000	10000	15000	20000	30000
Nominal Voltage/Frequency	V	220/380; 230/400; 240/415; 50/60 Hz					
Maximum Current	A	8.0	12.8	16.0	24.0	30.5	45.5
Efficiency							
Max. Efficiency	%	97.5	97.7	97.9	98.1	98.2	98.3
Euro- Eta	%	96.2	97	97.2	97.7	98	98.1
General							
Temp. Range	°C	-20 ~ 55				-25 ~ 60	
Topology		Transformerless					
Protection		IP65					
Humidity	%	0 ~ 100, non-condensing					
Cooling		Forced Air-Cooling					
Features							
LCD		Icon Graphic Display					
RS485		Standard, Half-duplex					
Wi-Fi		Optional by USB dongle					
Data Logging		Yes					
Mechanical							
W x H x D	mm	418 x 485 x 190	418 x 485 x 196			467 x 485 x 306	
Weight	kg	23	24	24	27	42	48
Input Pairs		1	2	2	3	4	6
DC switch		Optional					
Certification & Regulation							
Grid Monitoring		VDE 0126-1-1/A1, VDE-AR-N 4105, AS/NZS 4777.2, AS/NZS 4777.3, PEA, MEA					
Safety		IEC 62109-1, IEC 62109-2					
EMC Emission		EN 61000-6-3/-4, EN 61000-3-2, EN 61000-3-3 AS/NZS 61000.6.3/4			EN 61000-6-3/-4 EN 61000-3-11 EN 61000-3-12 AS/NZS 61000.6.3/4		EN 61000-6-4, EN 61000-3-11 EN 61000-3-12, AS/NZS 61000.6.4
EMC Immunity		EN 61000-6-2					

* Specifications are subject to change without prior notice

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