

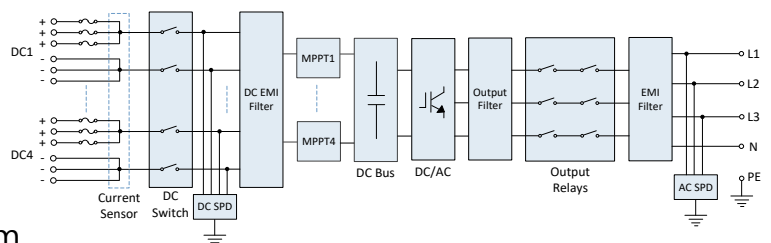


THREE PHASE ON-GRID PV INVERTER

FEATURES

- New IP 66 design
- Up to 98.6% conversion efficiency
- Smart I-V curve detection
- SVC @ night function
- Support 3Φ3W and 3Φ4W power system
- Built-in DC fuse and Type 2 DC Surge Protector
- Certified for salt spray test IEC 60068-2-52 : 2017 severity 5

Electrical Diagram



SPECIFICATIONS

Item	Scale	PV-6000T-U	PV-7500T-U
Input (DC)			
Maximum Voltage	V	1100	
MPPT Working Range	V	200 ~ 1000	
MPPT Range (Full Load)	V	500 ~ 850	550 ~ 850
Feed-In Voltage	V	250	
Maximum Current	A	37.5 x 4	
Maximum Short Circuit Current	A	48 x 4	
Input Pairs		12 (3 pairs/MPPT)	
No. of MPP trackers		4	
DC Switch		Built-in	
DC Fuse *	A	20	
SPD		25kA (Type 2)	
Connector type		MC4	
Output (AC)			
Nominal Power	W	60000	75000
Maximum Apparent Power	VA	66700	83300
Maximum Current	A	100	100
Nominal Voltage	V	220/380 ; 230/400 ; 240/415 for 3Φ4W 380/400/415 for 3Φ3W	277/480 for 3Φ4W 480 for 3Φ3W
Nominal Frequency	Hz	50/60	
Connector type		Terminal Block	
SVC@night	kVAR	45	56.25
Efficiency			
Maximum Efficiency	%	98.6	98.6
Euro-eta	%	98.3	98.4
General			
Dimension (W x H x D)	mm	855 x 565 x 275	
Weight	kg	79	
Operating Temperature	°C	-25 ~ 60	
Topology		Transformerless	
Ingress Protection		IP66	
Humidity	%	0 ~ 100, non-condensing	
Noise	dB	60 (Typical)	
Cooling		Forced Air-Cooling	
Max. Operating Altitude	m	4000	
Display & Communication			
Display		LCD	
RS485		Standard, Half-duplex	
Wi-Fi		Optional	
Certification & Compliance			
Grid Code		VDE-AR-N 4105	
Safety		IEC 62109-1, IEC 62109-2	
EMC Emission		IEC/EN 61000-6-4	
EMC Immunity		IEC/EN 61000-6-2	

* In order to avoid fuse broken, please do not parallel multiple DC strings prior to connect DC input

** Specifications are subject to change without prior notice

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