

TT-NEWPROX
1.5KTT-NEWPROX
4.2K/6.2KTT-NEWPROX
8K

- › Wide PV input range, starts from 30VDC for ProX 1.5K / 4.2K models
- › Built-in communication port for BMS
- › Built-in WiFi with APP for remote monitoring
- › Dual AC outputs only for ProX 4.2K / 6.2K / 8K models
- › Maximum charging current 100A / 120A based on models
- › Battery independent design
- › Battery equalization function to optimize battery performance and extend lifecycle
- › Built-in anti-dust kit



MODEL	ProX 1.5K	ProX 4.2K	ProX 6.2K	ProX 8K
Rated Power	1500VA / 1500W	4200VA / 4200W	6200VA / 6200W	8000VA / 8000W
INPUT				
Voltage	230 VAC			
Selectable Voltage Range	170–280 VAC (For Personal Computers) 90–280 VAC (For Home Appliances)			
Frequency Range	50 Hz / 60 Hz (Auto sensing)			
OUTPUT				
AC Voltage Regulation (Batt. Mode)	230 VAC ± 5%MPPT			
Output Power	1500W with PV & battery	4200W with PV & battery	6200W with PV & battery	8000W with PV & battery
	1200W with battery only	4000W with battery only	5000W with battery only	8000W with battery only
AC Output No.	Single	Dual Outputs	Dual Outputs	Dual Outputs
Surge Power	3000VA	8400VA	12400VA	16000VA
Efficiency (Peak)	93%			
Transfer Time	10 ms (For Personal Computers); 20 ms (For Home Appliances)			
Waveform	Pure sine wave			
BATTERY				
Battery Voltage	12 VDC	24 VDC	48 VDC	48 VDC
Floating Charge Voltage	13.5 VDC	27 VDC	54 VDC	54 VDC
Overcharge Protection	16 VDC	32 VDC	63 VDC	66 VDC
SOLAR CHARGER & AC CHARGER				
Solar Charger Type	MPPT			
Maximum PV Array Open Circuit Voltage	350 VDC	500 VDC	500 VDC	500 VDC
Maximum PV Array Power	2000W	5000W	6500W	10000W (5000W × 2)
Maximum PV Input Current	13 A	18A	18 A	22 A × 2
MPP Range @ Operating Voltage	30 ~ 300 VDC	30 ~ 450 VDC	90 ~ 450 VDC	90 ~ 450 VDC
	(Min. 60VDC without battery connected)	(Min. 60VDC without battery connected)	(Min. 100VDC without battery connected)	
Maximum Solar Charge Current	100 A	120 A	100 A	120 A
Maximum AC Charge Current	80 A	100 A	100 A	120 A
Maximum Charge Current	100 A	120 A	100 A	120 A
PHYSICAL				
Dimension, D x W x H (mm)	90 × 288 × 357	115 × 300 × 435	120 × 300 × 435	141 × 322 × 497
Net Weight (kgs)	6.6	9	10.4	15
Communication Interface	RS232 / RS485 (BMS) / WiFi			
OPERATING ENVIRONMENT				
Humidity	5% to 95% Relative Humidity (Non-condensing)			
Operating Temperature	-10°C to 50°C			
Storage Temperature	-15°C to 60°C			

* Product specifications are subject to change without further notice

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