

TT-C-PROX
1.5KTT-C-PROX
4.2K/6.2KTT-C-PROX
8K

- › Wide PV input range, starting at 30 VDC for C 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 C ProX 4.2K / 6.2K / 8K models
- › Maximum charging current of 100 A / 120 A, depending on model
- › Battery-independent design
- › Battery equalization function to optimize battery performance and extend service life
- › Built-in anti-dust kit

MODEL	C ProX 1.5K	C ProX 4.2K	C ProX 6.2K	C ProX 8K
Rated Power	1500VA / 1500W	4200VA / 4200W	6200VA / 6200W	8000VA / 8000W
INPUT				
Voltage	230 VAC			
Selectable Voltage Range	170–280 VAC (for computers) 90–280 VAC (for home appliances)			
Frequency Range	50 Hz / 60 Hz (auto-sensing)			
OUTPUT				
AC Voltage Regulation (Battery Mode)	230 VAC ± 5%			
Output Power	1500 W with PV & battery 1200 W with battery only	4200 W with PV & battery 4000 W with battery only	6200 W with PV & battery 5000 W with battery only	8000 W with PV & battery 8000 W with battery only
AC Output No.	Single Output	Dual Outputs	Dual Outputs	Dual Outputs
Surge Power	3000VA	8400VA	12400VA	16000VA
Efficiency (Peak)	93%			
Transfer Time	10 ms (for 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 (Min. 60 VDC without battery connected)	30 ~ 450 VDC (Min. 60 VDC without battery connected)	90 ~ 450 VDC (Min. 100 VDC without battery connected)	90 ~ 450 VDC
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 DATA				
Dimensions, D x W x H (mm)	90 × 288 × 357	115 × 300 × 435	120 × 300 × 435	141 × 322 × 497
Net Weight (kg)	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			
CERTIFICATIONS	CE			

* Product specifications are subject to change without prior notice.

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