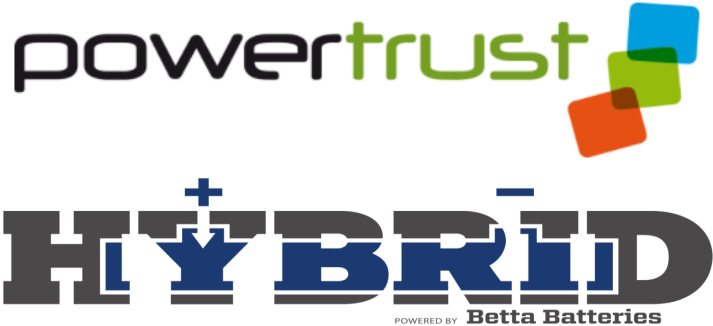


# Datasheet voor Powertrust Storage system met Solax Hybrid Inverter



Powertrust Storage Unit	CT 4,3/1	CT 5,8/1	CT 8,6/1	CT 8,6/3	CT 17,3/3	CT 21,6/3
Gross storage capacity	7,2 kW	9,6 kW	14,4 kW	14,4 kW	28,8 kW	36,0 kW
Nett storage capacity	5,8 kW	7,6 kW	11,5 kW	11,5 kW	23,0 kW	28,8 kW
Battery Technology	Lead Crystal®					
Number of Batteries	4 x 150 Amp	8 x 100 Amp	8 x 150 Amp	8 x 150 Amp	24 x 100 Amp	30x 100 Amp
Weight of complete system						
Size of Battery storage	600x720x600	600x1005x600	600x1290x600	600x1290x600	600x1575x600	600x1290x600 x 2
Size of Inverter WxHxD (mm)	700 x 591 x 151			665x456x208		
<b>Input DC</b>						
Max. recommended DC Power (W)	3300	4000	5000	10000	10000	10000
Max. DC Voltage (V)	550	550	550	1000	1000	1000
Nominal DC Operating Voltage	360			720		
Max. Input Current (A)	12	12 / 12		11 / 11		
MPPT Voltage Range (V)	125 - 530			330—800		
Number of Trackers	1					2
Strings per MPP Tracker				1		
<b>Output AC</b>						
Nominal AC Power (VA)	3000	3680	4600	10000		
Max. AC Power (VA)	230180~50/60 Hz			400 ( 360 to 440)		
Nominal AC Voltage Range	50 / 60 Hz					
Parallel Operation	yes					
Nominal AC Current ( A)	13	16	20	12.2 (3)		
Max. AC Current (A)	14.4	16	21.7	13.5		
<b>Output DC ( Battery)</b>						
Battery Voltage range (V)	40 - 60			170 - 500		
Max. Charging current	50 (adjustable)			25 (3)		
Communicating Interfaces	CAN/RS232			CAN/RS485		
Charging Curve	3 stage adaptive with maintenance					
<b>Environment Limit</b>						
Protection Class	IP 20 ( Indoor Use)			IP 65		
Operating temp. Range degr C	-20° C to +60 °C					
Certification	VDE 4105/EN50438-NL/ CEI 0-21			VDE0126/VDE -AR- N4105/CEI 0-21/IEC62040/IEC62619/IEC615086		
Weight Inverter (kg)	27			40		
Cooling concept	Forced Cooling					
Communication	Ethernet,Meter, Wifi (optional,RF (optional,DRM, USB,ISO Alarm, Parallele operation					

