

02 / Delta PCS1**HV



CSI Solar Co., Ltd.

Type Model	PCS100HV	PCS125HV
Rated grid voltage	400Vac (3P+N+PE)	480Vac (3P+PE)
Grid voltage range	310Vac to 450Vac	422.4Vac to 528Vac
Grid Frequency	50Hz	60Hz (50Hz optional)
Rated AC power output	100 kVA / 145A	125kVA / 151A
Current THD	<3%	< 3%
Power Factor	-1 to 1, continuously adjustable	-1 to 1, continuously adjustable
DC voltage range	700V~1350Vdc	750~1350 Vdc
Rated discharge/charge power	102kW / 98kW	128kW / 122kW
Max discharge / charge current	157A / 151A	
Peak Efficiency	98%	
Standby loss	< 25W @ sleep mode	
Operating Temperature	-30°C to 60°C, derating if >45°C	
Humidity	0 to 95% RH, non-condensing	
Enclosure Rating	Type 3R / IP55	
Altitude	4000m, derating if > 2000m	
Communication	Ethernet/Modbus TCP	
Dimension (W*H*D)	600 x 2000 x 500 mm	
Certification	Safety: IEC 62477-1, EN 62477-1 Grid code: AS/NZS 4777.2:2020 EMC: IEC/EN 61000-6-2, -6-4 Vibration: IEC 60068-2-6:2007	UL1741, UL 1741 SB, IEEE 1547:2018, FCC part 15 class A