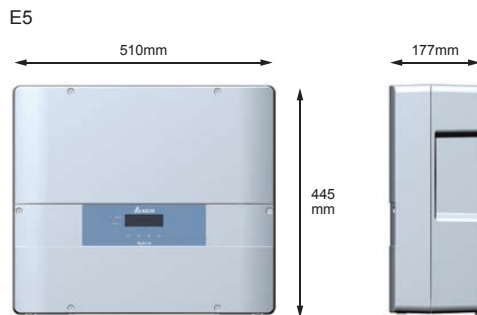


Hybrid inverter

Model		E5
DC Input	Rated voltage	370Vdc
	Recommended PV power	7kW
	MPPT	2
	Max. input current	2×12Adc
	Operating voltage range	100Vdc ~ 550Vdc
	MPP voltage range	220Vdc ~ 450Vdc
AC Output	Rated output power	5000VA
	Rated voltage	230Vac
	THD	< 3% at rated power
Efficiency	Peak efficiency	97.2%
	European efficiency	96.5%
Information	Communication port	RS-485
	Display	20 x 4 LCD
Standard power with battery & solar		28A (on critical load)
Maximum power only solar*		5.0kW
Standalone power with battery only		3.6kVA
Nighttime consumption		<30W with battery; without battery <10W
Communication		Wi-Fi(option) / RS-485
Environment		Outside
Operating temperature		-25 ~ 60°C
Relative humidity		0 ~ 100%, non-condensing
Dimensions(unit)		510 x 445 x 177 mm
Weight		27kg
Cooling		Natural cooling
Installation type		Indoor/outdoor
Enclosure rating		IP65
Certificates		IEC 62109-1/-2, IEC 62040, ARN-4105, G59/3 and EN50438 2013 w/NL deviations

*4.6kW for Germany

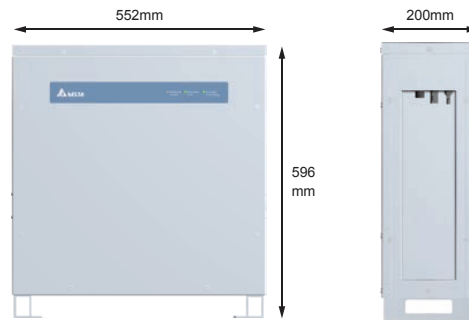


Battery

Model		BX_6.0
Battery supplier		Panasonic
Nominal capacity		6kWh
Maximum capacity		6.4kWh
Usable capacity (80% DoD)		4.8kWh
Cycle stability (80% DoD)		6000
Voltage range		85 ~ 104 VDC
Nominal charging power		2.5kW
Nominal discharging power		3kW
Max. charging current		30A
Max. discharging current		35A
Battery technology		Li-ion
Dimensions		552 x 596 x 200 mm
Weight		75kg
Enclosure rating		IP55
Installation type		Indoor/outdoor
Ambient temperature range*		-10 ~ 45°C
Permitted humidity		0 ~ 90%
Certificates		UN38.3
Warranty		10 years

*For longer battery life we recommend the battery is used indoors

Battery box



Power meter

Model	P1E	P3E
Phase	1	3
Communication	Wi-Fi(N1) / RS-485	Wi-Fi(N1) / RS-485
Information	LED indicator	LED indicator
Rated operating voltage(L - N)	100Vac ~ 240Vac	230Vac
Operating voltage range(L - N)	85Vac ~ 264Vac	130Vac ~ 260Vac
Operating current limit	120A	120A
Rated frequency	45 ~ 65 Hz	45 ~ 65 Hz
Power consumption	Max. 2 Watt	Max. 3 Watt
Power consumption with N1	Max. 4 Watt	Max. 6 Watt
Safety standard	IEC 60950-1	
Emission	EN 55022 class B	
Immunity	EN 61000-6-2	
Operation temperature	-20°C ~ 50°C	
Storage temperature	-20°C ~ 60°C	
Relative humidity	30% ~ 85%	
Dimension	93 x 47.3 x 66.5 mm	93 x 70 x 66.5 mm
Weight	145 g	200 g

Smart monitor

Module	R4
Rated operating voltage*	12Vdc
Operating voltage range	10Vdc ~ 16Vdc
Power consumption	< 6 Watt (Without USB port)
Safety standard	EN 62109-2
Emission	EN 55022 class B
Immunity	EN 61000-6-2
Information	LCD Display
	Touch resistive screen
	7 inch TFT LCD, 800 x 480 pixel, 24 bit RGB
Communication	RS-485 / Wi-Fi
Operation temperature	-20°C ~ 50°C
Storage temperature	-20°C ~ 60°C
Relative humidity	30% ~ 85%
Dimension	120 x 190 x 32 mm
Weight	440 g
Protection Class	IP20

*12V power supplied by E5 inverter via RS485 cable

