

Portable ESS Power

300W/1200W
1KWh



Daily Equipment Consumption Reference



Lamp
50H



Fan
20H



TV
10H



Mobile
90T



Laptop
16H



Car Fridge
16H



Projector
10H



Hair Drier
1H



Radio
100H



Pet Feeder
166H

Colour Option



Green



White



Orange



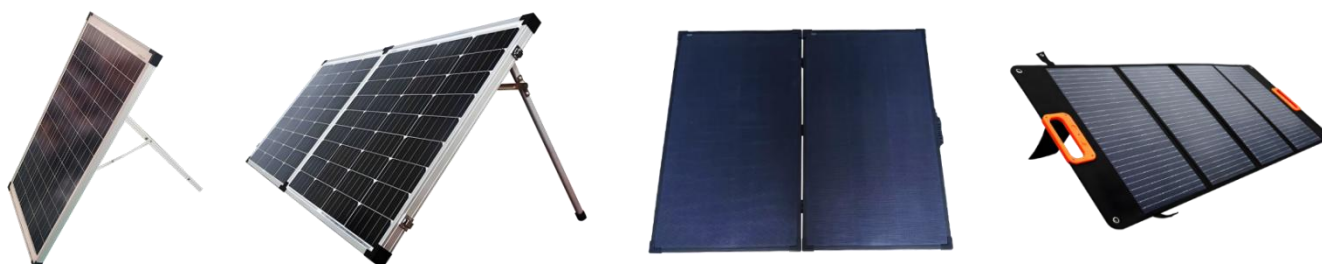
Grey



Black

Model No.		DY-PES3001	DY-PES12001
DC Charging	XT60	12-48V, Max 200W	12-24V, Max 400W
	DC5521	/	12-24V-5A
AC Charging		Adapter	Adapter
AC Output	Rated Power	300	1200W
	Surge Power	500	2400W, <50ms
	AC Output Voltage	220V	
	Wave	Pure sine wave	
	Frequency	50Hz	
DC Output	Type-C	5V3A, Share Max18W with USB (PD18W optional with additional cost)	Type-C1: PD/QC3.0: Max. 30W 12V/2.5A Type-C2: PD100W
	USB	2pcs, share 5V3A	USB1: QC3.0: Max. 18W 12V/1.5A; USB2: SCP: Max. 22.5W
	DC5521	4pcs, share 12V5A 60W	12V/10A
	Cigarette lighter socket	/	
Storage	Type	LFP 3.2V 314Ah	LFP, 3.2V/15000MAh
	Capacity	1004.8Wh	1152Wh
	Cycle life	>4000 times	>4000 times
Voltage at 100% storage		3.6V $\pm$ 0.1V	21.9V $\pm$ 0.1V
Screen		/	LCD
Standby Power		< 3W	< 10W
Protection		Short circuit/Over loading/Over temperature/Over voltage/Over current/Under voltage	
Lighting		/	LED 4W
Size(mm)		139*215*320	245*280*250/345*345*320
Weight(kgs)		8.9/9.5	11.5/12.0

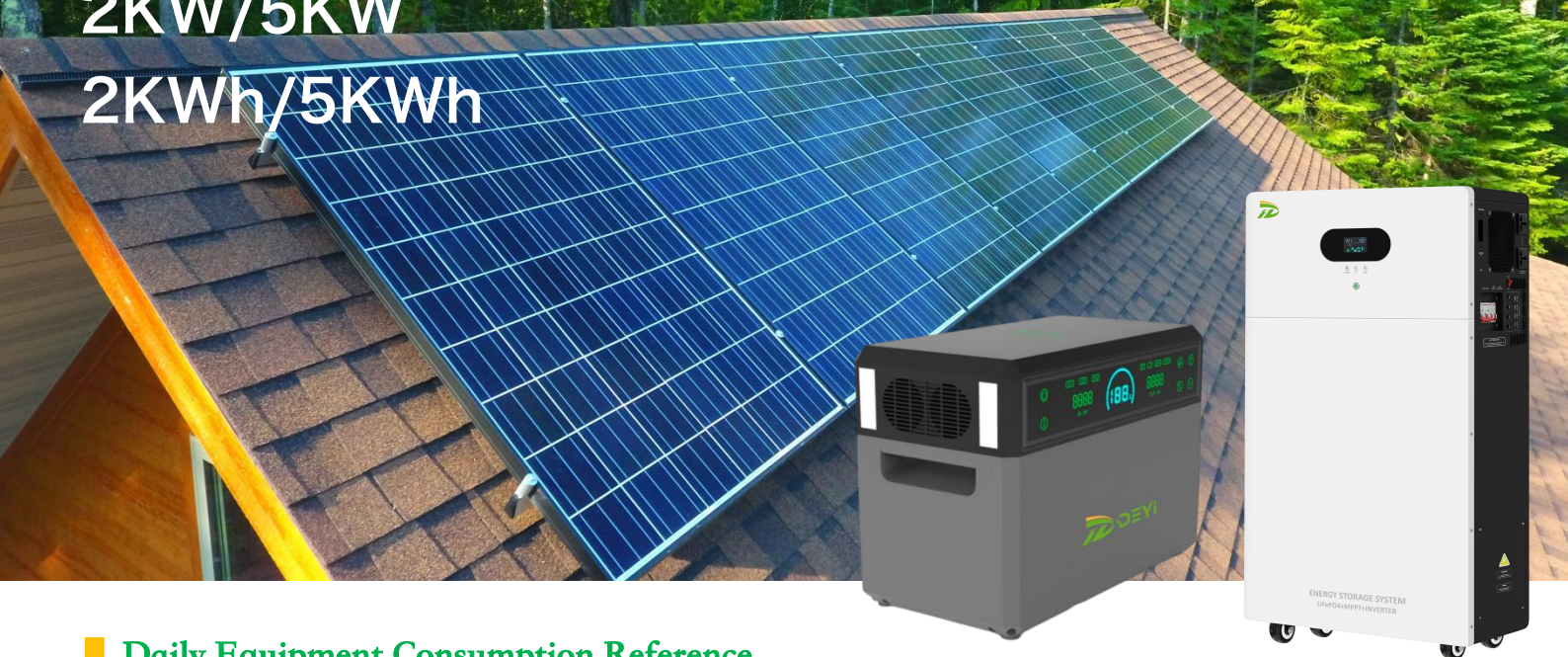
Solar Panle Option



Household ESS Power

2KW/5KW

2KWh/5KWh



Daily Equipment Consumption Reference



Air Conditioner
5H



Fan
100H



TV
50H



Washer
10H



Laptop
120H



Fridge
25H



Electric Cooker
8H



Hair Drier
5H



Induction Cooker
2H



Iron
10H

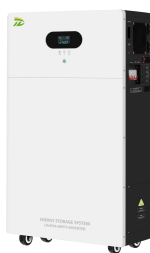
Colour Option



Grey



White



White



Grey

Model No.		DY-MES20002	DY-MES50005
DC Charging		XT 60: 10-45V, Max 400W	MC4: 60-140V 3360W
		DC 5521: 10-45V/10A	
AC Charging		220V	110V/220V
AC Output	Rated Power	2000W	5000W
	Surge Power	≥2200W	≥15KW
	AC Output Voltage	220V	110V/220V
	Wave	Pure Sine Wave	Pure Sine Wave
	Frequency	50Hz	50Hz/60Hz
DC Output	Type-C	Type-C1: QC3.0: Max 12V/1.5A (18W) PD: Max 12V/2.5A (30W)	/
		Type-C2: PD/QC3.0: Max 20V/5A(100W); When Type-C2 and USB 1 work together, generate 5V/5A	/
	USB	USB1: QC3.0 MAX 20V/3A(60W) USB2: QC3.0 Max 12V/1.5A(18W)	4PCS, 5V
	DC5521	12V/10A, Max 120W	4PCS, 12V
	Cigarette lighter socket		/
Storage	Type	LFP 3.2V/45000MAh	LFP 3.2V/100Ah
	Capacity	2304Wh (3072Wh Optional)	5120Wh (10240Wh Optional)
	Cycle life	>4000 times	>4000 times
Voltage at 100% storage		58.4V ± 0.1V	
Screen		LED	LCD
Standby Power		< 10W	< 50W
Protection		Short circuit/Over loading/Over temperature/Over voltage/Over current/Under voltage	
Lighting		LED 4W	/
Size(mm)		460*250*328/565*355*430	525*245*938/585*305*1100
Weight(kgs)		22.3/24.6	40/48

Solar Panle Option

DY-MES20002: Can charge with single 400W panel, or folding panels.

DY-MES50005: Can charge with 6pcs of 550W.