PROFLEX®
New Energy driving future power

SOLAR SYSTEM

PR-SHS10000L Series

Design Backup Time 5-6Hrs

	Item	PR-SHS10000L
Solar Module	Maximum power at STC(pm)	7560W Solar Panel (36pcs x 210W 9pcs series, 4strings parallel)
	Max. system charging voltage	299.7V
	Max. system charging current	33.28A
PRNZ-CL Inverter & Solar Controller	Inverter Type	Modular Low frequency pure sine wave
	Inverter output power	10000VA (8000W)
	Inverter output voltage	220V / 50Hz
	System DC Voltage	220V
	Controller discharge current	50A
Cabinet	Material	Steel box of zinc-plated and lacquer-coated
Battery	Type	Deep Cycle
	System Voltage	220V
	Capacity	18pcs 12V 260Ah
Operating Temperature		-20°C ~ +55°C
Packing (CBM / KG)	Solar panel	4.0CBM / 630KGS
	Control box	1.75CBM / 100KGS
	Battery	0.9CBM / 1350KGS
	Whole System	6.65CBM / 2080KGS



Daily use reference

Name of Load	Power	Working Hours	Consumption
TV	2X120W	8hours	1920Wh
COMPUTER	2X150W	4hours	1200Wh
LIGHTING	150W	8hours	1200Wh
FAN	3X80W	12hours	2880Wh
FRIDGE	120W	24hours	1440Wh
WASHING MACHINE	300W	1hours	300Wh
WATER PUMP	500W	2hours	1000Wh
HAIR DRIER	500W	0.5hours	250Wh
AIR CONDITIONER	2x2HP (3000W)	8hours	24000Wh
PRINTER	150W	1hours	150Wh
FAX MACHINE	100W	1hours	100Wh
PROJECTOR	300W	3hours	900Wh
ELECTRIC KETTLE	500W	1hours	500Wh
ELECTRIC DRILL	200W	1hours	200Wh
ELECTRIC COOKER	500W	1hours	500Wh
DVD PLAYER	50W	3hours	150Wh
Other appliance			
TOTAL	7150W		36690Wh

Applicable scope



