PROFLEX®
New Energy driving future power

SOLAR SYSTEM

PR-SHS7500L Series

Design Backup Time 5-6Hrs

	Item	PR-SHS7500L
Solar Module	Maximum power at STC(pm)	5040W Solar Panel (36pcs x 140W, 9pcs series, 4strings parallel)
	Max. system charging voltage	160.2V
	Max. system charging current	31.52A
PRNZ-CL Inverter & Solar Controller	Inverter Type	Modular Low frequency pure sine wave
	Inverter output power	7500VA (6000W)
	Inverter output voltage	220V / 50Hz
	System DC Voltage	110V
	Controller discharge current	50A
Cabinet	Material	Steel box of zinc-plated and lacquer-coated
Battery	Type	Deep Cycle
	System Voltage	110V
	Capacity	18pcs 12V 200Ah
Operating Temperature		-20°C ~ +55°C
Packing (CBM / KG)	Solar panel	2.5CBM 510.0KGS
	Control box	0.95CBM 90.0KGS
	Battery	0.75CBM 1100.0KGS
	Whole System	4.20CBM 1700.0KGS



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	2.5HP (1850W)	8hours	15000Wh
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
TOTAL	6000W		27690Wh

Applicable scope



